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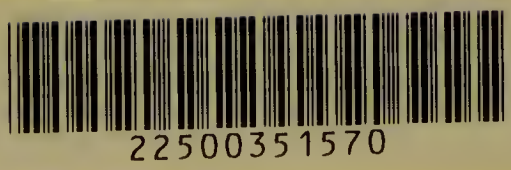

TWENTY-FOURTH ANNUAL REPORT

OF

THE LOCAL GOVERNMENT BOARD, 1894—95.

SUPPLEMENT

IN CONTINUATION OF THE

REPORT OF THE MEDICAL OFFICER

For 1894-95.

INLAND SANITARY SURVEY, 1893-95.

Presented to both Houses of Parliament by Command of Her Majesty.

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PUBLIC HEALTH.

REPORT

ON THE

INLAND SANITARY SURVEY, 1893–95;

SUBMITTED BY THE

MEDICAL OFFICER

OF

THE LOCAL GOVERNMENT BOARD.

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REPORT.

TO THE RIGHT HONOURABLE HENRY CHAPLIN, M.P., PRESIDENT OF THE LOCAL GOVERNMENT BOARD.

SIR,

MEDICAL OFFICER'S INTRODUCTION.

IN submitting to you a summary of the General Sanitary Survey of Urban Districts in England and Wales, during the years 1893–95, when cholera on the Continent of Europe was an ever-recurring source of danger to this country, I beg leave to state that the issue of this volume was unavoidably delayed by reason of a serious accident which befell Dr. Frederick W Barry, to whom the supervision of the Survey had been entrusted.

The Survey took account of a large number of rural as well as of urban districts; but, owing to the delay which has been referred to, and to the subsequent death of Dr. Barry as the ultimate result of his accident, the summary relates almost exclusively to the work done by your Medical Inspectors in urban sanitary districts.

For the same reason Dr. Barry's Introductory Report remains uncompleted.

Notwithstanding these drawbacks the volume has distinct interest. It indicates the directions in which English sanitary administration proceeds when danger of imported infection arises; and it serves to emphasize the point that our main trust in the control of exotic disease lies, not in futile attempts to keep away from our shores all chance of infection, but in urging those who are responsible for the health of our communities, whether urban or rural, to maintain, by continuous and systematic work, such a standard of cleanliness as regards air, soil, and water, that their districts shall not afford to any chance infection that may reach them the opportunities for multiplication and diffusion.

The volume also serves to accentuate the sense of the loss which the Department has experienced by the untimely death of Dr. Barry.

Never before has so sustained and so important a piece of administrative work been undertaken by the Medical Department as that which was carried out during the period 1893–95, when cholera prevailed in different parts of Europe, and of which a summary account is embodied in the Report on the Sanitary Survey of the Port and Riparian Districts of England and Wales, submitted to you in September 1895,* and in that

* Reports and Papers on the Port and Riparian Sanitary Survey of England and Wales, 1893–94; C.—7812; 1895.

on other and for the most part inland districts, which is herewith submitted to you. The credit for the organisation of that work, and, to an important extent, for the satisfactory results to which it conduced, rests largely with Dr. Barry, whose very able services the Medical Department could ill spare. Dr. Barry was also fortunate enough to combine mental qualities of a high order with personal characteristics, which secured him the warm friendship of all his colleagues; and, in this way, his loss is the more keenly felt.

I have the honour to be,

Sir,

your obedient Servant,

RICHARD T. THORNE.

November 1897.

APPENDICES.

UNFINISHED INTRODUCTION, by the late Dr. F. W. BARRY,* to a SUMMARY ACCOUNT of the INLAND SANITARY SURVEY OF ENGLAND AND WALES, 1893-95.

THE abstracts of the reports on the urban districts made by the Board's Medical Inspectors, during the Sanitary Survey of 1893-95, which are now submitted, were almost ready for publication upwards of a year ago. I much regret, however, that, owing to an unfortunate accident which I sustained when on duty at that time, they had to be set aside, and it has not until quite lately been possible for me to complete them.

The Sanitary Survey, which was commenced in 1893, in consequence of the diffusion of cholera in Europe, had to do in the first place with the safeguarding of the coast line, and embraced the inspection of 60 port and of 74 riparian districts. This branch of the Survey has already been dealt with in detail in my report on the Sanitary Survey of the coast line of England and Wales.† In the second place, as soon as the more important of the port and riparian districts had been inspected, a complete Sanitary Survey of certain selected districts, situate both on the coast and inland, was instituted and continued up to the middle of 1895. In the selection of the districts to be inspected, the question of the purity of the water supply largely influenced the Board; districts being chosen primarily in which, for any reason, the water supply was suspected of being liable to pollution. Subsequently a number of districts were scheduled for inspection in which the administration was believed to be defective, or in which former experience had shown that filth diseases prevailed.

The majority of the inspections were, under my general supervision, carried out by Dr. Bruce Low, Dr. Fletcher, and Dr. Reece of the permanent staff, and by Dr. Wilson and Dr. Wheaton of the temporary staff. A few districts were also in similar manner inspected by the late Mr. T. W. Thompson, Dr. Sweeting, Dr. Theodore Thomson, Dr. Copeman, and Dr. Bulstrode of the permanent staff, and by Dr. Horne and Mr. Evan Evans of the temporary staff.

The instructions given to the inspectors employed on the detailed Survey of sanitary districts, were, like those issued to Inspectors of the port and riparian districts, uniform in character. Each Inspector before proceeding to a district was supplied with a set of forms containing definite questions as to the several matters to which his attention was to be directed. (See Addendum C.) The matters to be inquired about comprised, broadly—

(*a.*) General Sanitary Circumstances.
(*b.*) Sanitary Administration.
(*c.*) Cholera Precautions.

Under the heading "General Sanitary Circumstances," the Inspector was directed to inquire with respect to—

(1.) The condition of dwellings and their surroundings.
(2.) Purity and sufficiency of water supply.
(3.) Efficiency of public sewerage, domestic drainage, and sewage disposal.

---

* Dr. Barry died on October 12th, 1897.

† Reports and Papers on the Port and Riparian Sanitary Survey of England and Wales, 1893-94 (C.—7812), 1895, pp. 1-77.

(4.) Methods of excrement and refuse disposal and removal.
(5.) Condition and nature of supervision over registered premises and trades.

Under the heading "Sanitary Administration," the Inspector was required to report upon the general character and efficiency of the administration of the Sanitary Authority itself, noting in this connexion the byelaws, regulations, and adoptive Acts in force; upon the quality of the work done by the Medical Officer of Health and the Inspector of Nuisances; and as to the special provisions made for dealing with infectious disease and infected articles.

Under the heading "Cholera Precautions" he had to ascertain, first, the general arrangements or preparations made in anticipation of cholera, and, secondly, the special arrangements made for action in emergency. He was also furnished with Ordnance maps of the districts to be surveyed. Before commencing the actual inspection, a meeting of the Sanitary Authority was called, at which the Inspector attended. At this meeting he explained the object of the proposed Survey, obtained information on such of the matters mentioned above as did not require personal inspection, and conferred with the Authority generally on the method of dealing with cholera in the event of its appearance. He then, in company with the officials and any members of the Sanitary Authority who might wish to be present, made a detailed inspection of the district, and tested the knowledge of the officials as to their duties. The Inspector then drew up a detailed report, together with a draft series of recommendations as to the matters most urgently requiring amendment, and subsequently conferred with me personally, when formal recommendations, as regards the matters found to be defective at the time of the Survey, were drawn up. A final conference with the Sanitary Authority was then arranged, at which the Inspector attended and made a statement as to the general results of his inspection, drawing attention to the defects observed, and advising the Sanitary Authority as to the remedies to be applied. Before leaving he gave the Sanitary Authority a copy of the formal recommendations already referred to, and requested them to communicate with the Board as to the action taken thereon.

Examples of the detailed reports on Urban and Rural Districts (Sunderland County Borough and Sunderland Rural District respectively, made by the late Mr. T. W. Thompson) are given in Addendum B., 1 and 2.

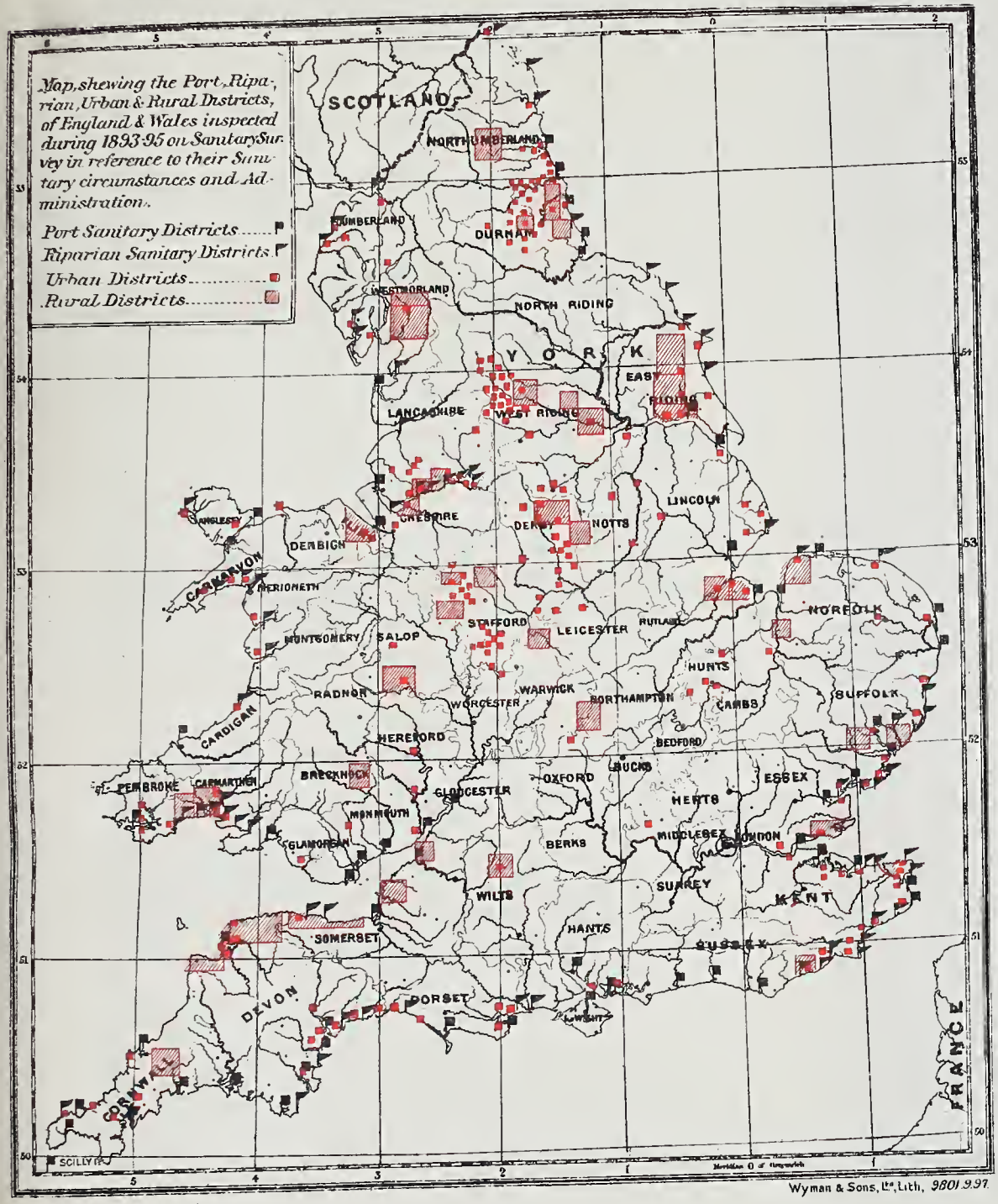
During the detailed Survey, 220 urban districts (comprising 14 county boroughs, 66 municipal boroughs, and 140 urban districts other than boroughs) were inspected, and abstracts of the 220 urban reports are given in the following pages. A list only of the rural districts inspected is given in Addendum A., as abstracts of the reports for such districts—each as a rule embracing numerous townships or parishes—would be of little practical value.

Inclusive of port and riparian districts, reports were made during the Survey regarding 396 districts, the topographical positions of which are indicated in the annexed map. From the map it will be seen that the Survey included, in addition to the coast line districts, a majority of the more important manufacturing and mining districts of the North and Midland counties.

As to the value of the Sanitary Survey, there can, I think, be no two opinions, and it is only to be regretted that owing to the exigencies of the Public Service, it could not be continued for a longer period.

* * * * * *

SANITARY SURVEY OF ENGLAND & WALES, 1893-95.



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ABSTRACTS OF DETAILED REPORTS WITH RESPECT TO URBAN DISTRICTS INSPECTED 1893–95.

ABERYSTWITH BOROUGH.

(CARDIGANSHIRE.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—July 17th and 18th, 1893. *Area.*—845 acres. *Population.*—(1891) 6,725 *Inhabited Houses.*—(1891) 1,444. *Rateable Value.*—(1893) 29,781*l.* *Industries.*—Seaside resort; iron foundry, slate works, steel enamel works.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Fair and improving; some close courts, and a few houses without thorough ventilation; overcrowding of persons very rare. Houses at Penparke unsatisfactory.

Water Supply.—Public supply obtained from Llyn Llygal Rheidol, a lake situate 250–300 feet from the summit of Plynlimmon; unfiltered; constant supply; excellent quality. Several batches of houses supplied from stand-pipes only.

Sewerage and Drainage.—Complete sewerage scheme; sewage discharged in harbour; sewer outfall, source of nuisance; ventilation of sewers defective, and no systematic flushing arrangements. House drains disconnected and ventilated. Sewerage of Penparke unsatisfactory.

Excrement Disposal and Removal.—In Aberystwith proper by waterclosets. In Penparke by midden privies, which are frequently a source of nuisance.

Refuse Removal.—Undertaken by Sanitary Authority. Refuse collected weekly, and conveyed to a "tip." Refuse depôt source of nuisance.

Registered Buildings and Trades :—

Common lodging-houses	4	Clean.	Milkshops - -	—	—
Houses let in lodgings -	None registered.		Bakehouses - -	?	Not hitherto inspected.
Slaughter-houses -	1	Public, good.			
Dairies - -	22	Fair.	Offensive trades -	1	Tallowchandler.
Cowsheds - -	7	Fair.			

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Has carried out a large amount of useful work.

Date of Approval of Byelaws as to :—Scavenging, 1884; New streets and buildings, 1884; Nuisances, 1884; Slaughter-houses, none; Common lodging-houses, 1884; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Abraham Thomas, M.B., B.S. *Salary.*—50*l.* (without repayment). *Performance of Duties.*—A new appointment at date of inspection.

Inspector of Nuisances.—Rees Jones. *Salary.*—70*l.* (with repayment). *Performance of Duties.*—Fairly satisfactory.

Repression of Nuisances.—Habitually efficiently dealt with.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—In 1892 a notice giving general precautions issued to householders throughout the district.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority, held by Dr. Reece on September 25th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation hospital accommodation.
(2.) Sewer outfall.
(3.) Sanitary condition of Penparke village.

ALDEBURGH BOROUGH.

(Suffolk.)

Inspector.—Dr. S. M. Copeman. *Date of Inspection.*—April 26th, 1893. *Area.*—1,629 acres. *Population.*—(1891) 2,159. *Inhabited Houses.*—(1891) 485. *Rateable Value.*—(1892) 8,150*l.* *Industries.*—Fishing; sea-side resort.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair as a rule; little or no crowding of houses on area; no overcrowding of persons.

Water Supply.—Mainly from well about 50 feet deep, sunk in the Crag; no filtration; supply constant. There are also two public pumps and a public well in the lower part of the town; some houses supplied with water from surface wells.

Sewerage and Drainage.—Not sewered; cesspools universal and usually of large size; in all cases where possible cesspools are carried down to underlying bed of shingle into which contents gradually soak and thus obviate necessity for emptying. All house slops pass into cesspools.

Excrement Disposal and Removals.—Almost universally by means of water-closets draining into cesspools noted above.

Refuse Removal.—Undertaken by Sanitary Authority, but duty not efficiently performed.

Registered Buildings and Trades.

Common lodging-houses	None.	—	Cowsheds - -	3	Not regulated.
Houses let in lodgings	None registered.				
Slaughter-houses -	3	Disgraceful in the extreme.	Milkshops - - -	None.	—
			Bakehouses - -	5	Fair.
Dairies - - -	3	Not regulated.	Offensive trades - -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inefficient.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughterhouses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889, not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890, not adopted.
(*c.*) Public Health Acts Amendment Act, 1890, not adopted.
(*d.*) Housing of the Working Classes Act, 1890, no action taken.

Medical Officer of Health.—Richard B. Wrightson, M.D. *Salary.*—10*l.* (without repayment). *Performance of Duties.*—Satisfactory, but much hampered by fact that he receives little or no support from the Sanitary Authority.

Inspector of Nuisances.—Arthur G. Ward. *Salary.*—5*l.* (without repayment). *Performance of Duties.*—Ignorant and inefficient.

Repression of Nuisances.—Practically nothing done.

Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority, held by Dr. Copeman on October 16th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation accommodation.
(2.) Excrement and refuse disposal.
(3.) Nuisances.

ALFRETON URBAN DISTRICT.

(Derbyshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—May 25th, 28th, and 29th, 1894. *Area.*—4,626 acres. *Population.*—(1891) 15,355. *Inhabited Houses.*—(1891) 2,979. *Rateable Value.*—(1894) 38,160*l.* *Industries.*—Coal mining, iron works, and agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Well constructed as a rule, much improvement of late years; no crowding of dwellings; some overcrowding of persons in the Alfreton Ward.

Water Supply.—Except in the Ironville Ward, water supply is property of Sanitary Authority; water obtained from gathering ground, chiefly pasture, situate near Ashover; several boreholes made in Millstone Grit, whence additional supply obtained; water unfiltered; constant supply; some scarcity in 1893 in higher parts of district; water liable to pollution from farmyards, &c. on gathering ground. At Ironville water obtained from disused coal pits.

Sewerage and Drainage.—Sewered throughout; a considerable part of sewage treated by irrigation on a sewage farm; ventilation and flushing arrangements apparently inadequate; house drains usually disconnected; yards frequently unpaved and badly drained.

Excrement Disposal and Removal.—Midden privies, mostly covered, but deep and leaking. Many ill-situated; some 200 pail closets, chiefly in Alfreton and Ironville.

Refuse Removal.—By contractors in the Alfreton Ward, by the Colliery Company in the Ironville Ward. In the remainder of the district there is no public provision, and overflowing middens are common.

Registered Buildings and Trades:—

Common lodging-houses	3	Fair.	Dairies - -	?	Not registered.
			Cowsheds - -		Condition bad.
Houses let in lodgings -	2	Not registered.	Milkshops - -		
			Bakehouses - -	12	Clean.
Slaughter-houses -	—	—	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fairly active.

*Date of Approval of Byelaws as to:—*Scavenging, 1868; Nuisances, 1868; Common lodging-houses, none; New streets and buildings, 1868; Slaughter-houses, 1868; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; Not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; all except Part IV. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Edward Gaylor, L.R.C.P *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Efficient.

Inspector of Nuisances.—William Munslow. *Salary.*—78*l.* (with repayment). *Performance of Duties.*—Active and efficient.

Repression of Nuisances.—Fairly efficient.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority, held by Dr. Wilson on June 6th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) House drainage.
(5.) Dairies, cowsheds, and milkshops.
(6.) Byelaws.

ALVASTON AND BOULTON URBAN DISTRICT.

(Derbyshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—June 8th, 1894. *Area.*—2,155 acres. *Population.*—(1891) 3,116. *Inhabited Houses.*—(1891) 647. *Rateable Value.*—(1894) 10,528*l.* *Industries.*—A suburb of Derby, and inhabited by artizans employed in that town.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair; no crowding of dwellings upon area; no overcrowding of persons.

Water Supply.—From shallow wells sunk in porous soil—very unsatisfactory.

Sewerage and Drainage.—Sewered in piecemeal fashion; sewage discharged untreated into watercourses, and ventilation effected by street grids; flushing-tanks provided. House drainage not satisfactory; many midfeather traps; sink wastes disconnected.

Excrement Disposal and Removal.—Many of the older houses provided with objectionable cesspit and midden privies—large, deep, and open; newer houses have covered privy middens of moderate size.

Refuse Removal.—By occupier, and disposed of to farmers for agricultural purposes.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	?	Not regulated.
			Cowsheds - - -		
Houses let in lodgings -	None registered.		Milkshops - -		
			Bakehouses - -	3	Clean and airy.
Slaughter-houses -	3	Unsatisfactory.	Offensive trades - -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fairly active.

Date of Approval of Byelaws as to:—Scavenging, 1878; Nuisances, none; Common lodging-houses, none; New streets and buildings, 1878; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1892.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—W. H. Wright, M.R.C.S., L.R.C.P. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Good.
Inspector of Nuisances.—Charles Greatorex. *Salary.*—15*l.* (with repayment). *Performance of Duties.*—Fairly attentive to duties; but, being a farmer, has had no sanitary training.
Repression of Nuisances.—Efficiently dealt with.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority, held by Dr. Wilson on July 23rd, 1894, when formal recommendations were made as regards the following matters:—
(1.) Isolation provision.
(2.) Water supply.
(3.) Excrement and refuse disposal.
(4.) Disposal of sewage.
(5.) Dairies, cowsheds, and milkshops.

AMBLE URBAN DISTRICT.

(Northumberland.)

Inspector.—Mr. T. W. Thompson. *Date of Inspection.*—February 16th and 17th, 1893. *Area.*—1,218 acres. *Population.*—(1891) 2,975. *Inhabited Houses.*—(1891) 509. *Rateable value.*—(1892) 6,827*l.* *Industries.*—Coal mining, building, brickmaking, shipping trade.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Satisfactory as a whole; some crowding of houses at Welch's Buildings; some overcrowding of persons in tenemented houses.
Water Supply.—Chiefly from two springs in the gravel at the upper part of the town; water is piped to cisterns fitted with pumps; water not sufficiently accessible, and apparently liable to pollution.
Sewerage and Drainage.—Sewered; outfall into tidal estuary at low-water mark; adequately ventilated; flushed by water cart. House drains disconnected but many objectionable dipstone traps.
Excrement Disposal and Removal.—Midden privies, large and uncovered and frequently badly situated; scavenged by Sanitary Authority at fortnightly intervals. Midden contents applied to land by farmers.
Refuse Removal.—Removed by Sanitary Authority with contents of midden privies.
Registered Buildings and Trades:—

Common lodging-houses	1	Fair.	Dairies - - -	9	Unsatisfactory.
Houses let in lodgings	None registered.		Cowsheds - -		
			Milkshops - -		
			Bake-houses - - -	2	Fair.
Slaughter-houses - -	5	Fair.	Offensive Trades- -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fair.
Date of Approval of Byelaws as to:—Scavenging, 1880; Nuisances, 1880; Common lodging houses, 1880; new streets and buildings, 1880; slaughter-houses, 1880; offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted.
(*c.*) Public Health Acts Amendment Act, 1890; Parts I. and III. adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—William Smyth, M.B., C.M. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Good.
Inspector of Nuisances.—William Gibson. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Intelligent and painstaking.
Repression of Nuisances.—Not very well dealt with.
Isolation Hospital.—Small cottage rented for isolation hospital purposes, arrangements unsatisfactory.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—Improvements made as regards construction of old privies, and as to dilapidated cellar dwellings in 1892–93 in consequence of Medical Officer of Health's special cholera report.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Mr. Thompson on July 26th, 1893, when formal recommendations were made as regards the following matters:—
(1.) Water supply.
(2.) Isolation provision and disinfecting apparatus.
(3.) House drainage.
(4.) Excrement and refuse disposal.
(5.) Notification of infectious diseases.
(6.) Nuisances.
(7.) Overcrowding.

ASHBOURNE URBAN DISTRICT.

(Derbyshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—June 2nd and 3rd, 1893. *Area.*—572 acres. *Population.*—(1891) 3,809. *Inhabited Houses.*—(1891) 801. *Rateable Value.*—(1893) 12,361*l.* *Industries.*—Agriculture, corset manufacture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many old dilapidated, ill-ventilated cottages, situated in yards and blind alleys with filthy surroundings; occasional overcrowding of persons.
Water Supply.—Surface wells generally sewage polluted; of four public wells one pronounced unfit for use, two suspicious, and one showing signs of previous contamination with animal matter.
Sewerage and Drainage.—Sewered, but sewer insufficiently ventilated and not duly flushed, sewage discharged untreated into Hanmore brook where it gives rise to nuisance. House drains very unsatisfactory.
Excrement Disposal and Removal.—Many old tank privies and hand flushed hopper waterclosets. The tank privies emptied by occupiers usually at yearly intervals, that is if the nuisances from them become unbearable.
Refuse Removal.—Ashes and house refuse removed at weekly intervals by the Sanitary Authority and deposited at a depôt near the Railway Station
Registered Buildings and Trades:—

Common lodging-houses	3	Regulations not enforced.	Dairies - - -	19	Fair.
Houses let in lodgings	None registered.		Cowsheds - - -		
			Milkshops - -		
			Bakehouses - - -	8	Good.
Slaughter-houses - -	13	Fair.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very dilatory and imperfect.
Date of Approval of Byelaws as to :—Scavenging, none; Nuisances, 1868; Common lodging-houses, none; New streets and buildings, 1882; Slaughter-houses, 1868; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts :—
(*a.*) Infectious Diseases (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—Philip R. Littleton, M.R.C.S. *Salary*, 20*l.* (with repayment). *Performance of Duties.*—Fair.
Inspector of Nuisances.—David Roberts, Cert. San. Inst. *Salary*, 50*l.* (with repayment). *Performance of Duties.*—Not very satisfactory, Mr. Roberts is collector, surveyor, and market inspector also.
Repression of Nuisances.—Very unsatisfactory.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendation.

Final Conference with Sanitary Authority held by Dr. Wilson on June 30th, 1893, when formal recommendations were made as regards the following matters :—
(1.) Water supply.
(2.) Isolation provision.
(3.) Sewage disposal.
(4.) House drainage.
(5.) Excrement disposal.

ASHBY-DE-LA-ZOUCH URBAN DISTRICT.

(Leicestershire.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—December 12th and 13th, 1893. *Area.*—3,951 acres. *Population.*—(1891) 4,535. *Inhabited Houses.*—(1891) 924. *Rateable value.*—(1893) 22,691*l.* *Industries.*—Potteries, mining, and agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many damp and dilapidated buildings, especially in the numerous courts and yards; crowding of dwellings upon area in the older parts of the town; courts frequently unpaved and filthy; some overcrowding of persons.
Water Supply.—Public supply obtained partly from a stream and partly from springs; water filtered through sand and gravel, 3 ft. 6 in. in thickness; some scarcity in 1893; water reputed to be of good quality.
Sewerage and Drainage.—Sewered throughout; gradients unsatisfactory in some instances, leading to deposits and stoppages; ventilation of sewers practically non-existent; no arrangements for flushing; sewage disposed of by irrigation on land. House drains generally disconnected.
Excrement Disposal and Removal.—Chiefly by means of privy middens; a few pail closers and waterclosets. Nightsoil removed by Authority's workmen unsatisfactorily.
Refuse Removal.—By Authority's workmen. Not satisfactory.
Registered Buildings and Trades :—

Common lodging-houses	4	Not satisfactory.	Dairies	?	Fair.
Houses let in lodgings	None registered.		Cowsheds	?	
			Milk shops	?	
			Bake-houses	?	Fair.
Slaughter-houses	6	Fair.	Offensive trades	2	Tallow boiler and glue maker.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inefficient.

Date of Approval of byelaws as to:—Scavenging, none; nuisances, 1868; Common lodging-houses, 1868; New streets and buildings, 1868; slaughter-houses, 1868; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1887.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—John Roberts Williams, M.B., C.M. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—George Henry Lilley. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Intelligent but hampered by indifference of Sanitary Authority.

Repression of Nuisances.—Not efficiently dealt with.

Isolation Hospital.—An old barn converted into a four roomed cottage for hospital purposes. Very unsatisfactory and unsuitable for purpose.

Disinfecting Apparatus.—None.

Special preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on February 7th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision and disinfecting apparatus.
(3.) Sewerage.
(4.) Excrement disposal.
(5.) Nuisances.
(6.) Condition of dwellings.
(7.) Dairies, cowsheds, and milkshops.

ASHTON-IN-MAKERFIELD URBAN DISTRICT.

(Lancashire.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—September 30th, 1893. *Area.*—6,250 acres. *Population.*—(1891) 13,379. *Inhabited Houses.*—(1891) 2,233. *Rateable Value.*—(1893) 81,158*l.* *Industries.*—Coal mining, brickmaking, iron smelting, and agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—About one-third of houses old, dirty, and dilapidated, the remaining two-thirds clean and well-constructed; considerable crowding of dwellings in courts and back-to-back houses at Ashton village; considerable overcrowding of persons in older houses.

Water Supply.—Two sources, (*a*) waterworks of Sanitary Authority; and (*b*) Liverpool Corporation Waterworks; the water of source (*a*) is obtained from a tract of land partly arable and partly pasture; in some cases nightsoil has been used as manure; filtered through granite chips and dust 2 feet in thickness; supply insufficient in dry weather; water from source (*b*) obtained from Liverpool Corporation Reservoir at Rivington.

Sewerage and Drainage.—Sewered throughout; means of ventilation, inspection, and flushing extremely unsatisfactory; sewage treated by irrigation on a sewage farm 120 acres in extent; sewage farm neglected, much of sewage passed into watercourses unchanged.

House drains usually disconnected; surface drainage of yards very unsatisfactory.

Excrement Disposal and Removal.—Chiefly by pail closets, also a considerable number of privy middens. Nightsoil removed by farmers in carts belonging to Authority. Removal of nightsoil apparently efficiently performed.

Refuse Removal.—Partly by farmers and partly by Authority, and tipped into holes on waste land. Removal apparently efficiently performed.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Cowsheds - - -	50	Many very unsatisfactory.
Houses let in lodgings	None registered.				
Slaughter-houses -	4	Fair.	Milkshops - -	1	Fair.
Dairies - - -	—	—	Bakehouses - -	3	Fair.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax during late years.

Date of Approval of Byelaws as to:—Scavenging, 1875; Nuisances, 1875; Common lodging-houses, 1889; New streets and buildings, 1875; Slaughter-houses, 1875; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1889.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1892.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1892.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Nathan Hannah, L.R.C.P.E., L.F.P.S., Glas. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Active and energetic.

Inspector of Nuisances.—David Gamble. *Salary.*—100*l.* (with repayment). *Performance of Duties.*—Competent, but hampered by indifference of Local Authority.

Repression of Nuisances.—Very defective.

Isolation Hospital.—Small hospital with eight beds. No accommodation for two diseases in both sexes. No ambulance.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on November 13th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Sewerage.
(3.) Condition of houses.
(4.) Excrement disposal.
(5.) Insanitary condition of courts and yards.
(6.) Dairies, cowsheds, and milkshops.

AUDLEY URBAN DISTRICT.

(Staffordshire.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—April 27th and 28th, 1894. *Area.*—8,320 acres. *Population.*—(1891) 12,631. *Inhabited Houses.*—(1891) 2,432. *Rateable Value.*—(1893) 46,320*l.* *Industries.*—Agriculture, coal-mining and brick-making.

A.—Sanitary Circumstances.

Dwellings of the Poor.—On the whole satisfactory; comparatively little crowding of dwellings upon area; no overcrowding of persons.

Water Supply.—Public supply from two wells sunk in Red Sandstone, at Short Fields; not filtered; supply constant, and reputed to be of good quality.

Sewerage and Drainage.—Sewered throughout; sewers not satisfactorily ventilated; no means of flushing provided; sewage discharged into water-courses after passing through settling tanks. House drains generally disconnected.

Excrement Disposal and Removal.—Mostly by cesspit privies of large size. Some provided with fixed receptacles of small size. Nightsoil removed in fairly satisfactory manner by Sanitary Authority, and used by farmers on land.

Refuse Removal.—By Sanitary Authority. Refuse taken to "tips" or used to fill up hollows on farm land.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	74	Several unsatisfactory.
Houses let in lodgings	None registered.		Cowsheds - - -		
			Milkshops - - -		
			Bakehouses - -	28	Good.
Slaughter-house -	18	—	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fairly active.

*Date of Approval of Byelaws as to:—*Scavenging, none; Nuisances, 1875; Common lodging-houses, 1875; New streets and buildings, 1875; Slaughter-houses, 1875; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—James H. Dean Vernon, M.B., B.S. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Newly appointed.

Inspector of Nuisances.—William Lawrence. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fairly well dealt with.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Handbills calling attention to precautions to be taken as to cholera distributed.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on June 9th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Sewage disposal.
(3.) Condition of dwellings.
(4.) Inspection of nuisances.
(5.) Dairies, cowsheds, and milkshops.

BACUP BOROUGH.

(Lancashire.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—July 4th, 1893. *Area.*—6,116 acres. *Population.*—(1891) 23,498. *Inhabited Houses.*—(1891) 5,265. *Rateable Value.*—(1892) 78,713*l.* *Industries.*—Cotton and woollen manufacture; stone quarrying; coal-mining; brick and tile making; agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many dirty and dilapidated houses in older parts of town; large number of cellar dwellings; about one-quarter of total houses back-to-back; in central and older parts of town circulation of air much impeded by irregular arrangement of dwellings; overcrowding of persons rare.

Water Supply.—Two-thirds of district supplied from private sources, chiefly surface drainage of fields which are usually heavily manured, sometimes with human excreta; supply always insufficient in dry weather; about one-third of houses supplied from works of Rossendale Water Company, water obtained from Brandwood Moor, chiefly drainage from quarries liable to pollution with excreta, and contains much fine dust in suspension; no filtration; water acts on lead.

Sewerage and Drainage.—Main portion of district sewered; sewers well ventilated, but unprovided with means for flushing; sewage treated by filtration through coke, inefficient; and sewage practically passes unchanged into Irwell. Western and higher portions of district unsewered, and here sewage discharged untreated into Irwell. House drains in newer parts of town satisfactory; but in western part of district very unsatisfactory.

Excrement Disposal and Removal.—Chiefly by "pails" removed at weekly intervals by Authority; a number of badly constructed old privy middens still exist, which are badly scavenged. Pail privies very offensive.

Refuse Removal.—Collected in tubs and removed by Authority at weekly intervals.

Registered Buildings and Trades:—

Common lodging-houses	5	Fair.	Dairies - - / Cowsheds - -	170	Large number very unsatisfactory.
Houses let in lodgings		None registered.	Milkshops -	2	Good.
Slaughter-houses	13	Some unsatisfactory.	Bakehouses -	1	Good.
			Offensive trades	5	4 tripe boilers / 1 tallow melter — Good.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very defective.

Date of Approval of Byelaws as to:—Scavenging, 1864; Nuisances, 1864; Common lodging-houses, none; New streets and buildings, 1864; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—John Brown, M.D., D.P.H. *Salary.*—80*l.* (without repayment). *Performance of Duties.*—In consequence of disregard paid to recommendations has latterly done very little work.

Inspector of Nuisances.—James Tattersall. *Salary.*—100*l.* (without repayment). *Performance of Duties.*—Well performed.

Repression of Nuisances.—No action taken by Authority when nuisances reported.

Isolation Hospital.—A converted mill used in common with Todmorden, Mytholmroyd, and Hebden Bridge Urban Districts. No means of separating two diseases, and arrangements generally very unsatisfactory.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

No Final Conference was held with this Sanitary Authority. A letter was written by the Board, in which formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Action in regard to nuisances.
(3.) Excrement disposal.
(4.) State of dwellings.
(5.) Byelaws.

BANBURY BOROUGH.

(OXFORDSHIRE.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—July 13th, 1894. *Area.*—4,634 acres. *Population.*—(1891) 12,768. *Inhabited Houses.*—(1891) 2,715. *Rateable Value.*—(1894) 56,123*l.* *Industries.*—Engineering, agriculture, plush and tweed factories, flour mills, brewing.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—As a rule satisfactory; two "insanitary areas" noted in neighbourhood of Foundry Street and and Calthorpe Street, consisting of courts and rows of old and dilapidated houses often with thatched roofs, and built irregularly so as to impede light and ventilation; no overcrowding of persons.

Water Supply.—Banbury Waterworks Company; water obtained from upper waters of the Cherwell; filtration through sand, 2 feet, gravel 3 feet in thickness; supply constant and apparently of good quality.

Sewerage and Drainage.—Sewered throughout; sewers well ventilated; no provision for flushing; sewage treated by surface irrigation on sewage farm of 200 acres; effluent discharged into Cherwell about a mile below town; effluent not satisfactory. House drainage, on the whole, satisfactory; gullies and traps neglected.

Excrement Disposal and Removal.—Almost entirely by means of hand-flushed hopper closets; pans nearly always filthy from want of water for flushing; ventilation of soil pipes imperfect.

Refuse Removal.—Collected in tubs and removed by Authority's staff twice a week in Banbury and once a week in Grimsbury; refuse partly used for heating boilers at sewage pumping station, and partly tipped into hollows at the Recreation Ground.

Registered Buildings and Trades:—

Common lodging-houses.	2	Good.	Dairies - - Cowsheds - Milkshops -	?	Not regulated.
Houses let in lodgings.		None registered.	Bakehouses -	30	Good as a rule, some underground.
Slaughter-houses	14	Some good, others bad.	Offensive trades	2	Skin-cleaner and knacker, good.

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Fairly satisfactory.

*Date of Approval of Byelaws as to:—*Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, 1858; Slaughter-houses none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1890.

(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Innes Griffin, M.R.C.S., L.S.A. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Active and energetic.

Inspector of Nuisances.—N. H. Dawson. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Newly appointed at date of inspection.

Repression of Nuisances.—Fairly efficient.

Isolation Hospital.—Well built and arranged hospital, erected 1890.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on August 13th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement disposal.
(2.) House drainage and sewerage.
(3.) Condition of dwellings.
(4.) Byelaws.
(5.) Dairies, cowsheds, and milkshops.

BARMOUTH URBAN DISTRICT.

(Merionethshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—July 21st, 1893. *Area.*—801 acres. *Population.*—(1891) 2,045. *Inhabited Houses.*—(1891) 435. *Rateable Value.*—(1893) 8,024*l.* *Industries.*—Seaside resort.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many damp and ill-ventilated houses in "The Rock" district, some back-to-back; otherwise dwellings of poor fair; no overcrowding of persons.

Water Supply.—Public supply obtained from streams and a small lake situate in wild mountain pasture land; filtration through sand and gravel; water sufficient in quantity and of good quality.

Sewerage and Drainage.—Sewered throughout; sewers insufficiently ventilated; sewage discharged into sea by two outfalls. House drains as a rule disconnected from sewers.

Excrement Disposal and Removal.—Waterclosets; newer closets fitted with wash-out pans and two-gallon waste-preventing cisterns.

Refuse Removal.—Placed in tubs or pails and removed daily by contractor's cart.

Registered Buildings and Trades:—

Common lodging-houses	1	Not licensed.	Dairies - - -	10	Fair.
			Cowsheds - - -		
Houses let in lodgings	None registered.		Milkshops - -		
			Bakehouses - -	?	—
Slaughter-houses -	2	Fair.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Good.

Date of Approval of Byelaws as to:—Scavenging, 1890; Nuisances, 1890; Common lodging-houses, 1890; New streets and buildings, 1890; Slaughter-houses, 1890; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted, 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—S. A. Hughes, M.R.C.S., L.S.A. *Salary.*—10*l.* (with repayment).—*Performance of Duties.*—Satisfactory.

Inspector of Nuisances.—Hugh Jones. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Satisfactory.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on September 26th, 1893, when formal recommendations were made as regards the following matters :—

(1.) Isolation provision.
(2.) Sewerage.
(3.) House drainage.

BARNSTAPLE BOROUGH.

(Devonshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—May 21st–30th, 1894. *Area.*—1,837 acres. *Population.*—(1891) 13,058. *Inhabited Houses.*—(1891) 2,832. *Rateable Value.*—(1893) 44,978*l.* *Industries.*—Market town; lace factory; art pottery; tanneries; shop-keeping.

A.—Sanitary Circumstances.

Dwellings of the Poor.—In older parts of town much crowding of houses upon area; courts dirty and irregularly paved; many cottages without through ventilation; some overcrowding of persons.

Water Supply.—From the Barnstaple Waterworks Company; water derived from River Yeo at a point about 5 miles above Barnstaple; filtration through sand and gravel 4 feet thick; supply constant and sufficient in quantity; some danger of pollution above intake; water apparently satisfactory as to quality.

Sewerage and Drainage.—Sewered throughout; ventilation satisfactory; flushing arrangements not satisfactory; outfall into tidal river at low-water mark. House drains generally disconnected.

Excrement Disposal and Removal.—Waterclosets, many hand-flushed.

Refuse Removal.—Placed in pails and removed by Authority twice a week. Refuse carted to a depôt.

Registered Buildings and Trades :—

Common lodging-houses	3	Fair.	Dairies - - Cowsheds - - Milkshops -	43	Clean and well kept.
Houses let in lodgings	None registered.		Bakehouses -	21	Clean and well kept.
Slaughter-houses -	5	Fair.	Offensive trades	5	2 Tanneries. 2 Fellmongers. 1 Gut scraper. — Well kept.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax and inefficient.

Date of Approval of Byelaws as to :—Scavenging, 1875; Nuisances, 1875; Common lodging-houses, 1887; New streets and buildings, 1875; Slaughter-houses, 1875; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1889.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890: Parts II., III., and IV. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Mark Jackson, M.D., M.R.C.S. *Salary.*—40*l.* (with repayment).—*Performance of Duties.*—Active and energetic.

Inspector of Nuisances.—William Garland, Memb. San. Inst. *Salary.*—100*l.* (with repayment). *Performance of Duties.*—Not very satisfactory.

Repression of Nuisances.—Not very satisfactory.

Isolation Hospital.—None.

Disinfecting Apparatus.—Hot-air chamber provided at Police Station.
Special Preparation for Cholera.—Posters and handbills giving precautions against cholera issued by Authority.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on November 8th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Sewerage.
(4.) House drainage.
(5.) Courts and insanitary houses.
(6.) Action in regard to nuisances.
(7.) Byelaws.

BASLOW AND BUBNELL URBAN DISTRICT.

(Derbyshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—June 15th, 1894. *Area.*—5,635 acres. *Population.*—(1891) 864. *Inhabited Houses.*—(1891) 168. *Rateable Value.*—(1894) 4,074*l.* *Industries.*—Agriculture; summer resort.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many old cottages with thatched roofs; no crowding of persons.
Water Supply.—Public supply from springs in the Millstone Grit; not filtered; supply constant, sufficient in quantity, and apparently of good quality.
Sewerage and Drainage.—Sewered throughout; sewers unventilated; outfall into River Derwent; sewage untreated. House drainage unsatisfactory; sink wastes often connected directly with drains; soil pipes unventilated.
Excrement Disposal and Removal.—Waterclosets in larger houses; privy middens in case of cottages; middens, as a rule, deep, unpaved, and uncovered; scavenging left to occupiers; many of cottage middens not emptied oftener than twice a year.
Refuse Removal.—Much house refuse thrown into watercourses.
Registered Buildings and Trades:—

Common lodging-houses	None.	—	Cowsheds - -	2	Fair.
Houses let in lodgings -	None registered.		Milkshops - - -	None.	—
Slaughter-houses -	2	Clean.	Bakehouses - -	1	Clean.
Dairies - - -	None.	—	Offensive trades - -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inactive.
Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Philip Sheldon Fentem, M.D., M.R.C.S. *Salary.*—4*l.* (with repayment). *Performance of Duties.*—Good.
Inspector of Nuisances.—John Clark. *Salary.*—5*l.* (with repayment). *Performance of Duties.*—Inactive.

Repression of Nuisances.—Not efficient.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on July 24th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Sewerage and house drainage.
(3.) Excrement and refuse disposal.
(4.) Inspection of the district for nuisances.
(5.) Dairies and cowsheds.
(6.) Byelaws.

BEACONSFIELD URBAN DISTRICT.

(Buckinghamshire.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—November 22nd and 23rd, 1893. *Area.*—4,504 acres. *Population.*—(1891) 1,773. *Inhabited Houses.*—(1891) 349. *Rateable Value.*—(1893) 3,920*l.* *Industries.*—Agriculture and chain making.

A.—Sanitary Circumstances.

Dwellings of the Poor.—As a rule fairly good; overcrowding of persons rare.

Water Supply. — Shallow wells sunk in gravelly subsoil, as a rule dry steined only; many wells liable to pollution from surface drains, catch-pits, and urinals.

Sewerage and Drainage.—Sewered partly by brick barrel drain and partly by pipes, insufficiently ventilated and without means of flushing; outfall into series of cesspools and thence into ponds; sewage untreated. House drains unsatisfactory; bell traps and brick traps ordinarily in use.

Excrement Disposal and Removal.—Excrement disposal by means of pit privies a source of nuisance; night-soil removed by occupiers at long intervals.

Refuse Removal.—By occupiers; unsatisfactory.

Registered Buildings and Trades:—

Common lodging-houses	1	Overcrowded.	Dairies - - -	5	Unsatisfactory
			Cowsheds - -		
Houses let in lodgings	None registered.		Milkshop - - -		
			Bakehouses - -	4	Clean and well kept.
S'aughter-houses -	2	1 fair, 1 bad.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inefficient.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Francis Johnson, L.R.C.P.I., M.R.C.S. *Salary.*—10*l.* (without repayment). *Performance of Duties.*—Improving.
Inspector of Nuisances. — H. Manley (a barber). *Salary.*—8*l.* (without repayment). *Performance of Duties.*—Inefficient.
Repression of Nuisances.—Inefficient.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on January 19th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Sewerage.
(4.) House drainage.
(5.) Excrement disposal.
(6.) Inspection of nuisances.
(7.) Condition of dwellings.
(8.) Dairies and cowsheds.
(9.) Byelaws.

BEDLINGTONSHIRE URBAN DISTRICT.

(Northumberland.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—June 20th–21st, 1893. *Area.*—8,470 acres. *Population.*—(1891) 16,996. *Inhabited Houses.*—(1891) 3,291. *Rateable Value.*—(1893) 46,313*l.* *Industries.*—Coal mining.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Well built of brick or stone, but frequently damp from want of damp-proof course, or from defective eave spouting; a few houses without means for through ventilation; overcrowding of persons occasionally met with.

Water Supply.—Public supply obtained from River Blyth; filtration effected through sand 2 feet 6 inches and gravel 3 feet in thickness; distributed to stand-pipes in the various villages, and to taps in some of the better-class houses; supply constant and plentiful; source of water liable to suspicion from passage of sewage into river above the intake of the waterworks.

Sewerage and Drainage.—No regular system of sewerage; each group of houses separately drained into nearest watercourse; ventilation of drains defective; flushing arrangements inadequate; sewage untreated. House drainage effected by gullies situate in unpaved yards: unsatisfactory.

Excrement Disposal and Removal.—Almost universally by means of large, deep, uncovered, and unpaved privy middens; midden contents removed by contractors at monthly intervals.

Refuse Removal.—Deposited in middens and removed as above; removal fairly satisfactorily performed.

Registered Buildings and Trades:—

Common lodging-houses	4	Unsatisfactory	Dairies - - -	50	Bad.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -	None.	—
Slaughter-houses -	16	Removal of filth not well attended to.	Bakehouses - -	2	Fair.
			Offensive trades -	1	Knacker's yard.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax.
Date of Approval of Byelaws as to:—Scavenging, 1862; Nuisances, none; Common lodging-houses, 1862; New streets and buildings, 1862; Slaughter-houses, 1862; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—D. Carmichael, F.R.C.S., E. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Fairly satisfactory.
Inspector of Nuisances.—Charles A. Copeland. *Salary.*—165*l.* (without repayment). *Performance of Duties.*—Energetic.
Repression of Nuisances.—Ordinary nuisances efficiently dealt with; recurring nuisances not efficiently dealt with.
Isolation Hospital.—Old granary converted into isolation hospital, eight beds; not satisfactory.
Disinfecting Apparatus.—An oven provided—not used.
Special Preparation for Cholera.—Handbills giving precautions distributed; extra cleansing of middens, &c. carried out; small committee appointed with full powers to take action should cholera appear.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on July 27th, 1893, when formal recommendations were made as regards the following matters:—
(1.) Water supply.
(2.) Disposal of excrement and refuse.
(3.) House drainage.
(4.) Sewerage.
(5.) Byelaws.
(6.) Dairies, cowsheds, and milkshops.

BEDWELLTY URBAN DISTRICT.

(Monmouthshire.)

Inspector.—Mr. Evan Evans. *Date of Inspection.*—September 7th–10th, 1893. *Area.*—7,672 acres. *Population.*—(1891) 6,773. *Inhabited Houses.*—(1891) 1,272. *Rateable Value.*—(1891) 21,481*l.* *Industries.*—Coal mining; agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Newer dwellings well built and clean; older houses often damp from leaky roofs, absence of eave spouting and the want of dry areas around houses built against banks; no crowding of dwellings upon area; overcrowding of persons frequent.
Water Supply.—In Rhymney Valley from (*a*) New Tredegar Gas and Water Company which supplies New Tredegar; water obtained from springs on Synghenydd Common and from disused coal levels; this water is hard and chalybeate in character; and is stinted in amount. (*b*) Rhymney Valley Company supplies lower end of valley. (*c*) Cwmsyfiog, Pengam, and Fleur-de-Lis supplied by springs and dipping troughs. In Sirhowy Valley water supply obtained from springs and shallow wells; unsatisfactory.
Sewerage and Drainage.—No system of sewerage; lengths of drain laid from time to time to convey slops from houses; drains without means of ventila-

tion or flushing; sewage discharged direct into streams. House drainage of primitive description; many houses without drains.

Excrement Disposal and Removal.—Cesspit privies in general use, many very large; contents only removed at long intervals; scavenging left to occupiers. At New Tredegar, hand-flushed long-hopper closets in use; frequently in very foul condition.

Refuse Removal.—Removal of house refuse carried out by contractors under Sanitary Authority; daily removal carried out at New Tredegar. Owing to neglect of inhabitants large accumulations of filth observed in many parts of district.

Registered Buildings and Trades:—

Common lodging-houses	1	Fair.	Dairies - - -	26	Fair.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	20	Fair.
Slaughter-houses -	5	Indifferent.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inactive.

Date of Approval of Byelaws as to:—Scavenging, 1893; Nuisances, 1893; Common lodging-houses, 1893; New streets and buildings, 1893; Slaughter-houses, 1893; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1892.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—John Davies James, M.R.C.S., L.S.A. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Good.

Inspector of Nuisances.—John Henry Lewis, Assoc. M.I.C.E. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—Satisfactory, considering the fact that he is also Surveyor.

Repression of Nuisances.—Fair.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Mr. Evans on January 23rd, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Sewage disposal.
(4.) Excrement and refuse disposal.
(5.) Condition of dwellings.
(6.) Action in regard to nuisances.

BELPER URBAN DISTRICT.

Derbyshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—May 15th–17th, 1894. *Area.*—3,183 acres. *Population.*—(1891) 10,420. *Inhabited Houses.*—(1891) 2,104. *Rateable Value.*—(1894) 32,862*l.* *Industries.*—Cotton spinning; hosiery; iron founding.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many cottages scarcely fit for habitation owing to dampness of walls and floors, absence of drainage, and lack of proper water supply; many dirty houses; little overcrowding of houses on area; occasional overcrowding of persons.

Water Supply.—About half the houses supplied by Belper Water Company; water obtained from springs; supply quite inadequate. Most of remaining houses supplied from wells sunk into sandstone, dry stoned, liable to contamination and to pollution from defective drains and leaky cesspools.

Sewerage and Drainage.—No systematic sewerage; house drains discharged into surface-water drains, which are constructed of stone, unventilated, and without means of flushing; sewage discharged into nearest water-course; house wastes directly connected with drains; many dwellings polluted with drain air.

Excrement Disposal and Removal.—Cesspit privies of bad type, frequently situate near dwellings, and left unemptied for months at a time. Midden privies of the worst type also common. Excrement removal undertaken by Authority, but much neglected.

Refuse Removal.—Refuse stored in open ashpits or privy middens; arrangements for scavenging most inadequate; many filth nuisances.

Registered Buildings and Trades :—

Common lodging-houses	2	Bad.	Dairies - - -	?	Not regulated.
Houses let in lodgings	None	registered.	Cowsheds - -		
Slaughter-houses -	15	Very unsatisfactory.	Milkshops - -		
			Bakehouses - -	6	Fair.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Extremely lax.

Date of Approval of Byelaws as to :—Scavenging, 1878; Nuisances, 1878; Common lodging-houses, 1878; New streets and buildings, 1878; Slaughter-houses, 1888; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Richard Grammar Allen, L.R.C.P., M.R.C.S. *Salary.*—35*l.* (with repayment). *Performance of Duties.*—Makes frequent inspections and reports, but no attention paid to them by Authority.

Inspector of Nuisances.—John Potter. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Fair, but has not much time to devote to work.

Repression of Nuisances.—Inefficient.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on June 13th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Excrement and refuse disposal.
(4.) Scavenging.
(5.) Sewerage.
(6.) House drainage.
(7.) Byelaws.

BENFIELDSIDE URBAN DISTRICT.

(Durham.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—November 16th–17th, 1893. *Area.*—1,525 acres. *Population.*—(1891) 6,269. *Inhabited Houses.*—(1891) 1,174. *Rateable Value.*—(1893) 17,083*l.* *Industries.*—Coal mining; ironworks; paper mills; agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Newer cottages satisfactory; many of older houses insufficient accommodation, damp and undrained; some crowding of houses on area; some overcrowding of persons, but not so great as formerly.

Water Supply.—Public supply from Consett Water Company, on constant system; abundant in quantity and apparently of good quality.

Sewerage and Drainage.—Sewered throughout; ventilation very defective, and means for flushing inadequate; sewage discharged untreated into River Derwent. House drains frequently insufficiently trapped; surface drainage of yards, &c., much neglected.

Excrement Disposal and Removal.—Midden privies of bad type often situate too close to dwellings or built against them, a serious and dangerous source of nuisance. Scavenging of cottages belonging to Consett Iron Company carried out by contractors—satisfactory; remainder of district scavenging left to occupiers, by whom it is much neglected.

Refuse Removal.—See above.

Registered Buildings and Trades:—

Common lodging-houses	Not regulated.		Cowsheds - -	20	Indifferent.
Houses let in lodgings -	None registered.		Milkshops - -	None.	—
Slaughter-houses -	10	Good.	Bakehouses - -	1	Fair.
Dairies - - -	36	Good.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Anxious for welfare of district, but much averse to incurring expense.

Date of Approval of Byelaws as to:—Scavenging, 1868; Nuisances, 1868; Common lodging-houses, none; New streets and buildings, 1868; Slaughter-houses, 1868: Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—George Renton, M.D. *Salary.*—30*l.* (without repayment). *Performance of Duties.*—Efficient.

Inspector of Nuisances.—John Dixon. *Salary.*—70*l.* (with repayment). *Performance of Duties.*—Active and efficient.

Repression of Nuisances.—Efficient.

Isolation Hospital.—Provided in conjunction with Leadgate Urban Authority.

Disinfecting Apparatus.—In conjunction with Leadgate Urban Authority.

Special Preparation for Cholera.—Handbills giving precautions as regards cholera issued in 1892.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on December 20th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Disposal of excrement and refuse.

(2.) Sewerage.
(3.) House drainage.
(4.) Condition of dwellings.
(5.) Common lodging-houses.
(6.) Byelaws.
(7.) Dairies, cowsheds, and milkshops.

BERWICK-UPON-TWEED BOROUGH.

(Border Town.)

Inspector.—Mr. T. W. Thompson. *Date of Inspection.*—June 1st-3rd, 1893. *Area.*—6,507 acres. *Population.*—(1891) 13,377. *Inhabited Houses.*—(1891) 2,122. *Rateable Value.*—(1893) 46,066*l.* *Industries.*—Fishing and fish curing; cycle factory; manure works; and tallow melting works.

A.—Sanitary Circumstances.

Dwellings of the Poor.—In older parts of town considerable overcrowding of dwellings upon area; many one-roomed tenements; overcrowding of persons common.

Water Supply.—Public; partly from upland gathering ground, and partly from spring in Red Sandstone; no filtration; supply constant; quality fair.

Sewerage and Drainage.—Sewerage system for Berwick town constructed in 1852–54, extended in 1879; sewage discharged into tidal river; ventilation of sewers defective; flushing arrangements satisfactory; house drainage disconnected as a rule. Tweedmouth unsewered.

Excrement Disposal and Removal.—In Berwick town chiefly by water-closets, usually short hoppers, all provided with water waste prevention cisterns with three-gallon flush. In Tweedmouth and Spital by pail closets or privy middens. Scavenging, by Authority, of pails twice a week, and of middens once a week to once a fortnight.

Refuse Removal.—Collected in pails or tubs, and removed by Sanitary Authority every morning; satisfactory.

Registered Buildings and Trades:—

Common lodging-houses	6	Fair.	Cowsheds - -	74	Fair.
Houses let in lodgings	Not regulated.		Milkshops - -	19	Fair.
Slaughter-houses -	14	Fair.	Bakehouses - -	?	Fair.
Dairies - - -	74	Satisfactory.	Offensive trades -	Not registered.	

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fair.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1879; Common lodging-houses, 1879; New streets and buildings, 1879; Slaughter-houses, 1879; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Daniel Heagerty, L.R.C.P. and L.R.C.S.E., *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Apparently fair.

Inspector of Nuisances.—John Crnden. *Salary.*—100*l.* (with repayment). *Performance of Duties.*—Very good.

Repression of Nuisances.—Efficiently dealt with except as regards pig-keeping.

Isolation Hospital.—Two wooden hospitals provided; one with four beds for town cases, and one with eight beds for port cases.

Disinfecting Apparatus.—Dry-heat chamber provided.
Special Preparation for Cholera.—Extra attention paid to general cleanliness of town in autumn of 1892.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Mr. Thompson on July 28th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Sewerage.
(3.) Crowding of dwellings upon area.
(4.) Overcrowding of persons in houses.
(5. Keeping of animals.

BEVERLEY BOROUGH.

(Yorkshire, E.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—May 24th, 1893. *Area.*—2,404 acres. *Population.*—(1891) 12,539. *Inhabited Houses.*—(1891) 2,806. *Rateable Value.*—(1892) 44,035*l.* *Industries.*—Agriculture; tanning; ship-building.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Numerous small courts in older parts of town containing badly ventilated and badly lighted houses; dwellings of poor in older parts very dirty and dilapidated; considerable amount of overcrowding of persons.
Water Supply.—Chiefly from "bore wells" sunk to a depth of some 70 feet to tap water under bed of clay on which town is situate; wells liable to contamination. About 500 houses supplied from works of Beverley Waterworks Company, water obtained from deep well in Chalk; liable to contamination from drainage.
Sewerage and Drainage.—Sewered throughout during 1890–92; at date of inspection only about one-third of houses connected with sewers; ventilated by surface gratings; flushing arrangements inadequate; sewage treated by precipitation with lime and irrigation, effluent discharged into River Hull. House drainage fairly satisfactory.
Excrement Disposal and Removal.—Midden privies, of which contents removed regularly at monthly intervals by the Authority.
Refuse Removal.—Refuse removed by farmers or by Authority. Arrangements fairly satisfactory.
Registered Buildings and Trades:—

Common lodging-houses	5	Fair.	Dairies - -	?	Not regulated.
Houses let in lodgings	None registered.		Cowsheds -		
Slaughter-houses -	20	Fair.	Milkshops -		
			Bakehouses -	?	Fair.
			Offensive trades	3	Fat boiling. Bone boiling. Soap making. — Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very negligent.
Date of Approval of Byelaws as to:—Scavenging, 1892; Nuisances, 1892; Common lodging-houses, 1892; New streets and buildings, 1892; Slaughter-houses, 1892; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.

(c.) Public Health Acts Amendment Act, 1890; Part IV. only adopted.

(d.) Housing of the Working Classes, Act, 1890; no action taken.

Medical Officer of Health.—J. P. Park, M.D. *Salary.*—40*l.* (without repayment). *Performance of Duties.*—Very inactive.

Inspector of Nuisances.—William Oxtoby, Assoc M.I.C.E. *Salary.*—150*l.* (without repayment). *Performance of Duties.*—Good, so far as his duties as Borough Surveyor allow.

Repression of Nuisances.—Indifferent.

Isolation Hospital.—No permanent provision. Two hospital tents obtained in 1892.

Disinfecting Apparatus.—None.

Special Preparations for Cholera.—Extra scavenging and inspection carried out in 1892, and two tents purchased for isolation of sick.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on August 12th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Sewerage.
(4.) Excrement and refuse disposal.
(5.) Nuisances.
(6.) Condition of dwellings.

BIDEFORD BOROUGH.

(Devonshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—June 18th, 1894. *Area.*—3,398 acres. *Population.*—(1891) 7,831. *Inhabited Houses.*—(1891) 1,621. *Rateable Value.*—(1894) 14,703*l.* *Industries.*—Market town; shop keeping; collar and cuff making.

A.—Sanitary Circumstances.

Dwellings of the Poor.—In older parts of town some crowding of dwellings upon area; many confined back yards; houses clean as a rule; very little overcrowding of persons.

Water Supply.—Public supply from moorland gathering ground; filtration through sand and gravel 6 feet in thickness; supply constant; quality of water apparently satisfactory.

Sewerage and Drainage.—Sewered throughout; ventilated by street gratings fitted with spiral charcoal deodorisers; sewers flushed by hose from hydrants; outfall into tidal river; catch-pits at base of manholes source of nuisance. House drains, as a rule, disconnected from sewers; soil pipes ventilated.

Excrement Disposal and Removal.—Waterclosets in better-class houses provided with wash-out pans, and 2–3 gallon water waste prevention cisterns; in poorer-class houses hand-flushed hopper closets common.

Refuse Removal.—Refuse placed in pails and collected by Authority daily in town, and once in three days in outlying districts.

Registered Buildings and Trades:—

Common lodging-houses	1	Unsuitable.	Dairies - - -	?	Not regulated
Houses let in lodgings -	None registered.		Cowsheds - - -		
Slaughter-houses - -	6	2 unsatisfactory and not registered.	Milkshops - -		
			Bakehouses - -	?	Indifferent.
			Offensive trades -	Tallow chandler.	

B.—Sanitary Administration.

Administration by Sanitary Authority.—Progressive.
Date of Approval of Byelaws as to:—Scavenging, 1878; Nuisances, 1878; Common lodging-houses, 1878; New streets and buildings, 1878; Slaughter-houses, 1878; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890 (measles, chicken-pox, and whooping cough added).
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1893.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1893.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—M. R. Gooding, L.R.C.P., M.R.C.S. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Efficient.
Inspector of Nuisances.—John Lugg, Memb. San. Inst. *Salary.*—70*l.* (with repayment). *Performance of Duties.*—Fair.
Repression of Nuisances.—Efficient.
Isolation Hospital.—Hospital, with six beds, provided 1885; no means of isolating two diseases.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on November 5th, 1894, when formal recommendations were made as regards the following matters:—
(1.) Waterclosets.
(2.) House drainage.
(3.) Insanitary dwellings.

BINGLEY URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—February 6th, 1894. *Area.*—987 acres. *Population.*—(1891) 9,261. *Inhabited Houses.*—(1891) 2,057. *Rateable Value.*—(1894) 30,882*l.* *Industries.*—Woollen manufacture; agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Well built of stone; large proportion of houses built on back-to-back plan (now prohibited); very little overcrowding of persons.
Water Supply.—In town, from supply belonging to Authority, which is derived from numerous springs, drainage of fields, and from a lake; distributed unfiltered; some of the sources liable to contamination, and all become scanty in summer, when supply supplemented by water from mains of Bradford Corporation. In outlying parts of district water obtained from springs and dipping troughs.
Sewerage and Drainage.—Sewered throughout; ventilation by surface gratings; no special arrangements for flushing; sewage discharged untreated into River Aire; house wastes frequently directly connected with sewer.
Excrement Disposal and Removal.—Chiefly by privy middens, but in addition considerable number of pail closets, waterclosets, and tumbler closets. Privy middens of bad type, emptied at monthly intervals by Authority's staff and carted to a "tip." Privy accommodation frequently defective.
Refuse Removal.—Refuse removed by Authority to "tip"; scavenging fairly well performed.

Registered Buildings and Trades :—

Common lodging-houses	1	Fair.	Milkshops -	None.	—
Houses let in lodgings	None registered.		Bakehouses -	None.	—
Slaughter-houses - -	7	Indifferent.	Offensive trades	2	Tripe boiler, Tanner - Fair.
Dairies - - -	5	Extremely filthy.			
Cowsheds - -					

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very defective.

Date of Approval of Byelaws as to :—Scavenging, 1890; Nuisances, 1890; Common lodging-houses, 1890; New streets and buildings, 1890; Slaughter-houses, 1890; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., and V. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—J. W. Craig, M.D., M.R.C.S. *Salary.*—21*l.* (without repayment). *Performance of Duties.*—Inactive.

Inspector of Nuisances.—William Crowther. *Salary.*—41*l.* 12*s.* (without repayment). *Performance of Duties.*—Fair, but badly supported by Authority.

Repression of Nuisances.—Defective.

Isolation Hospital.—Temporary hospital provided with Keighley Urban and Rural Authorities for small-pox only.

Disinfecting Apparatus.—Steam disinfection at small-pox hospital.

Special Preparation for Cholera.—Handbills issued 1893, and scavenging carried out at frequent intervals.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on April 23rd, 1894, when formal recommendations were made as regards the following matters :—

(1.) Water supply.

(2.) Sewerage and house drainage.

(3.) Excrement disposal.

(4.) Dairies, cowsheds, and milkshops.

BINGLEY OUTER URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—January 31st, 1894. *Area.*—9,326 acres. *Population.*—(1891) 10,023. *Inhabited Houses.*—(1891) 2,240. *Rateable Value.*—(1893) 33,633*l.* *Industries.*—Woollen manufacture; stone quarrying; agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Well built and clean; majority of houses erected on back-to-back system (now prohibited by byelaws); overcrowding of persons rare.

Water Supply.—The several villages supplied from field drainage, springs, and streams. The supplies to Harden, Cottingley (from a private company), Gilstead, Micklethwaite (part of), Woodhouse, and portions of Crosshills and Ingrow are unsatisfactory. In many instances water is undoubtedly polluted or liable to pollution, and, in addition, the supplies are very scanty in summer.

Sewerage and Drainage.—All villages, with exception of Gilstead, Hainworth, and Eldwick have been sewered; at Cross Roads, Bocking, and Lees, sewage treated by intermittent filtration; in remainder of district sewage discharged untreated into River Aire or its tributaries. No provision for flushing or ventilating sewers except at Cross Roads, Bocking, and Lees. House drains frequently connected directly with sewers.

Excrement Disposal and Removal.—Almost entirely by means of midden privies of bad type. Scavenging, except at Crosshills, left to occupiers, and accumulations of filth abound and give rise to nuisance.

Refuse Removal.—Refuse disposed of in middens; removed by occupiers; removal unsatisfactory in the extreme.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Milkshops - -	None.	—
Houses let in lodgings -	None registered.		Bakehouses - -	None.	—
Slaughter-houses -	14	Fair.	Offensive trades -	4	3 Tanyards, 1 Soap boiler. Fair.
Dairies - - -	200	Very bad.			
Cowsheds - -					

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very dilatory.

*Date of Approval of Byelaws as to:—*Scavenging, 1892; Nuisances, 1892; Common lodging-houses, none; New streets and buildings, 1892; Slaughter-houses, 1892; Offensive trades, 1892.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1892.
(*c.*) Public Health Acts Amendment Act, 1890; adopted, except Part IV., 1892.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—G. R. Macgregor, M.D., C.M. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Satisfactory.

Inspector of Nuisances.—H. C. Sugden. *Salary.*—68*l.* (with repayment). *Performance of Duties.*—Active and energetic.

Repression of Nuisances.—Inefficient as regards recurring nuisances.

Isolation Hospital.—Temporary hospital for small-pox only, provided in conjunction with Keighley Urban and Rural Authorities.

Disinfecting Apparatus.—Steam disinfection at temporary small-pox hospital.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on April 20th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Sewerage.
(3.) House drainage.
(4.) Excrement disposal.
(5.) Dairies and cowsheds.

BISHOP AUCKLAND URBAN DISTRICT.

(Durham.)

Inspector.—Dr. R. D. R. Sweeting. *Date of Inspection.*—May, 1893. *Area.*—692 acres. *Population.*—(1891) 10,527. *Inhabited Houses.*—(1891) 1,992. *Rateable Value.*—(1893) 35,179*l.* *Industries.*—Market town; coal mining.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Considerable huddling of houses on area; dwellings of poor frequently damp and dirty; poultry often kept in living rooms; no marked overcrowding of persons.

Water Supply.—Public supply obtained from the River Wear; works of filtration in progress at date of inspection; water of River Wear fouled by sewage above intake.

Sewerage and Drainage.—Sewerage system constructed in 1858 and since added to; ventilation irregular, inadequate, and inefficient; flushing arrangements apparently satisfactory; sewage discharged untreated into Wear; house wastes frequently directly connected with drains; defective traps common.

Excrement Disposal and Removal.—Chiefly by large, uncovered, leaking privy middens—a frequent source of dangerous nuisance; waterclosets of good type in better-class houses; scavenging by farmers under contract; very irregular and unsatisfactory.

Refuse Removal.—See above.

Registered Buildings and Trades:—

Common lodging-houses	10	Good.	Cowsheds - -	9	Unsatisfactory.
Houses let in lodgings -	None registered.		Milkshops - -	None.	—
Slaughter-houses -	14	Fair.	Bakehouses - -	5	Clean.
Dairies - - -	None.	—	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Indifferent.

Date of Approval of Byelaws as to:—Scavenging, 1868; Nuisances, 1868; Common lodging-houses, 1868; New streets and buildings, 1868; Slaughter-houses, 1868; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—T. A. McCullagh, M.R.C.S., L.R.C.P., E. *Salary.*—25*l.* (without repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—Robert Lindsay. C.E. *Salary.*—150*l.* (without repayment). *Performance of Duties.*—Active and energetic; but afraid of his Authority.

Repression of Nuisances.—Very fitful and irregular.

Isolation Hospital.—Temporary hospital formed by conversion of some dog kennels, accommodation for five beds; not satisfactory.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Special cleansing enjoined during 1892, and handbills giving precautions issued.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Sweeting on July 4th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Excrement disposal.
(3.) Scavenging.
(4.) Sewerage and drainage.
(5.) Insanitary houses.
(6.) Action in regard to nuisances.
(7.) Byelaws.
(8.) Dairies, Cowsheds, and Milkshops.

BLAYDON URBAN DISTRICT.

(Durham.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—July 21st–24th, 1893. *Area.*—9,349 acres. *Population.*—(1891) 13,371. *Inhabited Houses.*—(1891) 2,398. *Rateable Value.*—(1893) 45,342*l.* *Industries.*—Coal mining, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many old houses damp, dilapidated, and unfit for habitation; considerable number of back-to-back houses; considerable overcrowding of persons in Blaydon.

Water Supply.—Public supplies to Blaydon, Winlaton, and Spen, water obtained from springs and distributed, unfiltered, by gravitation, to standpipes; supply deficient in quantity. Other parts of district supplied from wells or field drains frequently liable to contamination.

Sewerage and Drainage.—Blaydon and Winlaton sewered throughout; ventilation by street gratings; sewage discharged untreated into watercourses. Sewerage of other parts of district unsatisfactory.

Excrement Disposal and Removal.—Midden privies universal; usually of bad type, and cause of nuisance.

Refuse Removal.—Middens emptied by contractors under Sanitary Authority. Many over full middens observed at time of inspection.

Registered Buildings and Trades:—

Common lodging-houses.	3	Not registered.	Dairies - -	14	Some very badly kept.
Houses let in lodgings.	Numerous	Not well regulated.	Cowsheds - -		
Slaughter-houses -	17	Unsatisfactory.	Milkshops -		
			Bakehouses -	3	Fair.
			Offensive trades -	3	Good.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inactive.

Date of Approval of Byelaws as to:—Scavenging, 1863; Nuisances, 1863; Common lodging-houses, none; New streets and buildings, 1863; Slaughter-houses, 1863; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Philip Brown, M.D. *Salary.*—35*l.* (with repayment). *Performance of Duties.*—Fair, but recommendations frequently unattended to.

Inspector of Nuisances.—Thomas Young. *Salary.*—100*l.* (with repayment). *Performance of Duties.*—Active.

Repression of Nuisances.—Common nuisances efficiently dealt with; recurring nuisances from midden privies also of late have been dealt with.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None, beyond issuing hand-bills with precautions.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on August 2nd, 1893, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Excrement and refuse disposal.
(4.) Scavenging.
(5.) Condition of dwellings.
(6.) Byelaws.

BOSTON BOROUGH.

(LINCOLNSHIRE.)

Inspector.—Dr. H. T. Bulstrode. *Date of Inspection.*—September 13th–15th, 1893. *Area.*—2,765 acres. *Population.*—(1891) 14,593. *Inhabited Houses.*—(1891) 3,334. *Rateable Value.*—(1893) 14,029*l.* *Industries.*—Market town; fishing.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Fair on the whole; little overcrowding of dwellings upon area; rarely overcrowding of persons.

Water Supply.—Public supply from pastoral gathering ground; water filtered through sand and gravel; distributed by gravitation; supply constant; water apparently of good quality.

Sewerage and Drainage.—Systematic sewering on west side of River Witham, with outfall into tidal water. On east side, old drains falling either into an old irregular sewer over the "Bar-ditch," connected at both ends with the Witham, or into a stagnant canal, the "Maud-Foster-Drain," causing nuisance. House drainage unsatisfactory.

Excrement Disposal and Removal.—Mostly disposed of in brick privy-pits, which are only emptied when full or when complained of. Ash-closets being gradually substituted for privypits; ashclosets emptied weekly by public scavenger.

Refuse Removal.—Collected in boxes, pails, &c., and removed daily by Authority's carts.

Registered Buildings and Trades:—

Common lodging-houses	6	Very indifferent.	Dairies - -	46	Not regulated.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	30	Not regulated.
Slaughter-houses -	32	Fair.	Offensive trades -	2	Not regulated.

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Indifferent.

Date of Approval of Byelaws as to:—Scavenging, 1867; Nuisances, 1867; Common lodging-houses, 1867; New streets and buildings, 1867; Slaughter-houses, 1867; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Walter Clegg, M.R.C.S., L.S.A. *Salary.*—90*l.* (with repayment). *Performance of Duties.*—Satisfactory.

Inspector of Nuisances.—John Stephenson. *Salary.*—233*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Not very satisfactory.

Isolation Hospital.—A converted farmhouse used jointly with Boston Rural and Port Authorities; total accommodation, 12 beds.

Disinfecting Apparatus.— None.

Special Preparation for Cholera.—Special inspection of district made at frequent intervals during period of cholera provalence; ashpits, &c. disinfected.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

Final Conference with Sanitary Authority held by Dr. Bulstrode on January 12th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation accommodation.

(2.) Disinfecting apparatus.

(3.) Water supply.
(4.) Excrement disposal and removal.
(5.) Sewerage and drainage.
(6.) Byelaws.
(7.) Dairies, cowsheds, and milkshops.

BRANDON AND BYSHOTTLES URBAN DISTRICT.

(Durham.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—September 4th 1893. *Area.*—6,683 acres. *Population.*—(1891) 14,239. *Inhabited Houses*—(1891) 2,618. *Rateable Value.*—(1893) 44,986*l.* *Industries.*—Coal mining

A.—Sanitary Circumstances.

Dwellings of the Poor.—Well built as a rule: many unpaved yards; no crowding of dwellings upon area; no overcrowding of persons.

Water Supply.—From works of Wear and Shildon Water Company, from Waskerley gathering ground; supply constant and plentiful. Quality apparently good.

Sewerage and Drainage.—Sewered throughout; sewers ventilated by surface openings; flushing arrangements satisfactory; sewage as a rule untreated. House drainage very satisfactory.

Excrement Disposal and Removal.—Privy middens universal; mostly of bad type. Middens emptied by contractors under Sanitary Authority once in three weeks. Work efficiently performed.

Refuse Removal.—See above.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	52	Indifferent.
			Cowsheds - -		
Houses let in lodgings -	None registered.		Milkshops - - -		
			Bakehouses - -	None.	—
Slaughter-houses -	18	Indifferent.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Active and progressive.

Date of Approval of Byelaws as to:—Scavenging, 1880; Nuisances, 1880; Common lodging-houses, 1880; New streets and buildings, 1880; Slaughter-houses, 1880; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1887.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d*) Housing of the Working Classes Act, 1890; no action required.

Medical Officer of Health.—Henry Smith, M.B., B.S. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Satisfactory.

Inspector of Nuisances.—R. Gardiner. *Salary.*—70*l.* (with repayment). *Performance of Duties.*—Satisfactory.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—Temporary hospital with 16 beds provided 1891; no means for isolation of two diseases in two sexes.

Disinfecting Apparatus.—Washington Lyons' steam apparatus provided at hospital.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on October 2nd, 1893, when formal recommendations were made as regards the following matters:—

(1.) Excrement and refuse disposal.
(2.) Surface drainage.

BRIDLINGTON URBAN DISTRICT.

(YORKSHIRE, E.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—April 17th, 1894. *Area.*—2,636 acres. *Population.*—(1891) 8,916. *Inhabited Houses.*—(1891) 2,039. *Rateable Value.*—(1894) 45,900*l.* *Industries.*—Seaside resort; lodging-house keeping; fishing, agriculture.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—As a rule, satisfactory; some crowding of houses on area in older parts of town, especially near the harbour; some overcrowding of persons during summer months.

Water Supply.—Almost entirely from the Bridlington Waterworks Company; water obtained from wells bored into the Chalk, supply constant, not filtered; stated to be of good quality. A few outlying farms supplied from private wells.

Sewerage and Drainage.—Sewered throughout: outfall into sea below low-water mark; arrangements for ventilation and flushing of sewers very defective. House drainage not satisfactory; many sink wastes directly connected with sewers; many old stone catch-pits in existence which give rise to nuisance.

Excrement Disposal and Removal.—Chiefly by pail and midden privies; waterclosets in better-class houses. Privies as a rule fairly well constructed, but many are situate too near to dwellings; some privies observed under sleeping rooms; waterclosets of bad type, and soil pipes frequently unventilated. Scavenging performed by contractor under Sanitary Authority, satisfactory.

Refuse Removal.—House refuse stored in ashpits or tubs and removed by scavengers.

Registered Buildings and Trades:—

Common lodging-houses	8	Fair.	Dairies - -	58	Fair.
			Cowsheds - -		
Houses let in lodgings -	?	Not regulated.	Milkshops -	4	Fair.
			Bakehouses -	19	Fair.
Slaughter-houses -	16	Fair.	Offensive trades -	2	Fellmongers, fair.

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Improving.

Date of Approval of Byelaws as to:—Scavenging, 1864; Nuisances, 1866; Common lodging-houses, 1864; New streets and buildings, 1866; Slaughter-houses, 1864; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—W. A. Wetwan, M.R.C.S., L.S.A. *Salary.*—70*l.* (with repayment). *Performance of Duties.*—Satisfactory.

Inspector of Nuisances.—Francis Reed. *Salary.*—25*l.* (with repayment). *Performance of Duties.*—Active.

Repression of Nuisances.—Fairly efficient at time of inspection, but apparently defective previously.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—An Assistant Inspector of Nuisances appointed in 1893; tents obtained for reception of cholera cases.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on June 1st, 1894, when formal recommendations were made as regards the following matters:—

(1.) Sewerage.
(2.) House drainage.
(3.) Excrement disposal.
(4.) Inspection of nuisances.
(5.) Byelaws.

BRIDPORT BOROUGH.

(Dorsetshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—April 26th–28th, 1894. *Area.*—591 acres. *Population.*—(1891) 6,611. *Inhabited Houses.*—(1891) 1,418. *Rateable Value.*—(1893) 20,918*l.* *Industries.*—Net, line, and twine manufacture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair as a rule; much crowding of dwellings in main portion of town; many courts and alleys; no overcrowding of persons.

Water Supply.—Chiefly supplied from works of a private company; water obtained from adit driven into Chalk at Litton Cheney, 7 miles from Bridport, supplied by gravitation, constant, unfiltered. Remainder of houses obtain water from surface wells situate in yards.

Sewerage and Drainage.—Sewered throughout; outfall into sea. Arrangements for ventilation and flushing of sewers defective. House drainage fairly satisfactory.

Excrement Disposal and Removal.—Chiefly by waterclosets provided with waste-prevention cisterns. A few vault privies in existence, removal of contents of which devolve upon householders.

Refuse Removal.—Placed in tubs or pails and removed daily by scavengers.

Registered Buildings and Trades:—

Common lodging-houses	1	Some unregistered, condition indifferent.	Dairies - -	?	—
			Cowsheds - - -		
			Milkshops - -		
Houses let in lodgings -	None registered.		Bakehouses - -	19	Fair.
Slaughter-houses -	4	Fair.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Good and efficient.

Date of Approval of Byelaws as to:—Scavenging, 1893; Nuisances, 1893; Common lodging-houses, 1893; New streets and buildings, 1893; Slaughter-houses, 1893; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1890.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1890.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—W. Clibborn, M.D. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Satisfactory.

Inspector of Nuisances.—F. Cooper. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Satisfactory.

Repression of Nuisances.—Efficient.

Isolation Hospital.—Wooden temporary hospital provided in 1866 for cholera patients.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on September 1st, 1894, when formal recommendations were made as regards the following matters:—
(1.) Isolation provision.
(2.) Water supply.
(3.) Sewerage.
(4.) House drainage.
(5.) Courts and insanitary houses.
(6.) Common lodging-houses.

BROADSTAIRS AND ST. PETER'S URBAN DISTRICT.

(Kent.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—August 10th, 1894. *Area.*—1,442 acres. *Population.*—(1891) 5,234. *Inhabited Houses.*—(1891) 991. *Rateable Value.*—(1894) 31,015*l.* *Industries.*—Seaside resort.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair generally; no crowding of dwellings upon area; no overcrowding of persons.
Water Supply.—From water company; water obtained from two deep wells in Chalk (*a*) situate at Rumfields, 1½ miles from Broadstairs, and (*b*) situate at Broadstairs, close to railway station; quality of water from (*a*) apparently good, from (*b*) apparently liable to pollution from soakage from cesspools; supply from (*a*) insufficient during season. Some private wells at Broadstairs, at St. Peter's, and at Reading Street.
Sewerage and Drainage.—Broadstairs sewered throughout in 1882–84; ventilation effected by vertical shafts up gables of houses; flushing tanks provided. St. Peter's and Reading Street unsewered; drainage discharged into cesspools. House drainage as a rule satisfactory.
Excrement Disposal and Removal.—At date of inspection there were 1,850 waterclosets, 25 vault privies, and 11 earthclosets in the district. Some waterclosets at St. Peter's discharge into cesspools. Some hand-flushed closets. Vault privies emptied at long intervals by householders.
Refuse Removal.—Daily collection of house refuse contracted for by Sanitary Authority.
Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	10	Satisfactory.
Houses let in lodgings -	None registered.		Cowsheds - - -		
			Milkshops - -		
			Bakehouses - -	6	Satisfactory.
Slaughter-houses -	4	Satisfactory.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fairly efficient.
Date of Approval of Byelaws as to:—Scavenging, 1881; Nuisances, 1881; Common lodging-houses, none; New streets and buildings, 1881; Slaughter-houses, 1881; Offensive trades, 1881.
Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.

Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II. and III. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—M. K. Robinson, M.D., M.R.C.S. *Salary.*—36*l.* 3*s.* 4*d.* (with repayment). *Performance of Duties.*—Satisfactory.

Inspector of Nuisances.—A. H. Clarke. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Satisfactory.

Repression of Nuisances.—Fair.

Isolation Hospital.—Provided in combination with Ramsgate Urban, Margate Urban, and Isle of Thanet Rural Districts; 44 beds.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Medical Officer of Health and Inspector of Nuisances authorised to take a cottage and engage a nurse should any case of cholera occur in the district.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on September 24th, 1894, when formal recommendations were made as regards the following matters:—
(1.) Water supply.
(2.) Waterclosets.
(3.) Condition of dwellings.
(4.) Action in regard to nuisances.

BUDLEIGH SALTERTON URBAN DISTRICT.

(Devonshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—May 7th, 1894. *Area.*—783 acres. *Population.*—(1891) 1,770. *Inhabited Houses.*—(1891) 412. *Rateable Value.*—(1893) 7,498*l.* *Industries.*—Seaside resort; fishing, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair as a rule; some old cottages ill-ventilated and damp; little crowding of houses upon area; overcrowding of persons rare.

Water Supply.—Public supply obtained from gathering ground situate near West Down Beacon; water collected in covered reservoir, filtered through gravel and sand; supply nominally constant, but intermittent in dry weather; apparently of good quality. Loan for additional supply sanctioned and works in progress. A number of houses supplied from surface wells, many of which liable to pollution.

Sewerage and Drainage.—Sewered in 1880; outfall in sea below low-water mark; ventilation by street gratings and shafts, apparently insufficient; flushing arrangements faulty owing to want of water. Drainage of new houses satisfactory, but of older houses very unsatisfactory; drains frequently consisting of agricultural pipes without any disconnexion from sewers.

Excrement Disposal and Removal.—Two-thirds of houses have water-closets; remaining third, box-closets; boxes emptied by occupiers at monthly intervals.

Refuse Removal.—House refuse stored in pails and removed by scavengers at regular intervals; daily in populous parts of district. Refuse removal well carried out.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Cowsheds - -	3	Fair.
Houses let in lodgings -	None registered.		Milkshops - -		
Slaughter-houses -	3	Indifferent.	Bakehouses - -	3	Dirty.
Dairies - - - -	9	Fair.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Efficient.

Date of Approval of Byelaws as to:—Scavenging, 1881; Nuisances, 1881; Common Lodging-houses, none; New streets and buildings, 1881; Slaughter-houses, 1881; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890. Measles and whooping cough added 1892.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Parts I., III., and V. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—A. W. Kempe, M.D., M.R.C.P.E., and M.R.C.S. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Good and efficient.

Inspector of Nuisances.—T. Parker. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Satisfactory.

Isolation Hospital.—None. Arrangement made with Exeter City Council for reception of cases of infectious illness at Exeter Sanatorium, provided there should be accommodation there.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on October 16th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Sewerage.
(4.) House drainage.
(5.) Nuisances.
(6.) Courts and insanitary houses.

BURSLEM BOROUGH.

(Staffordshire.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—April 17th–19th, 1894. *Area.*—1,861 acres. *Population.*—(1891) 31,999. *Inhabited Houses.*—(1891) 6,120. *Rateable Value.*—(1893) 106,254*l.* *Industries.*—Potteries, brick and tile making, coal mining, oil refining, and iron works.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair as a rule, some houses ill-ventilated; some crowding of dwellings in older parts of the town; overcrowding of persons rare.

Water Supply.—Obtained from the Staffordshire Potteries Water Company; water apparently of good quality and sufficient in quantity.

Sewerage and Drainage.—Sewered throughout; sewage pumped to sewage farm of 314 acres where treated by irrigation; ventilation of older sewers inadequate, and arrangements for flushing defective. House drains disconnected as a rule.

Excrement Disposal and Removal.—Mostly in privy cesspits, exceptionally large, sometimes situate close to dwellings; emptied by scavengers when full. About 1,000 waterclosets, of which 400 are Duckett's slop-closets, which have been constructed in place of faulty privies.

Refuse Removal.—Refuse stored in deep ashpits; scavenging performed by Sanitary Authority. Removal unsatisfactory; many ashpits over full. Refuse burnt in destructor situate at sewage works.

Registered Buildings and Trades:—

Common lodging-house	11	Clean.	Dairies - -	85	Some indifferent
Houses let in lodgings	None registered.		Cowsheds - -		
			Milkshops -		
			Bakehouses -	24	Unsatisfactory.
Slaughter-houses -	24	Satisfactory.	Offensive trades -	1	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improving.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1864; Common lodging-houses, 1864; New streets and buildings, 1864; Slaughter-houses, 1864; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1893.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., and V. adopted 1892.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—J. M. Taylor, M.R.C.S., L.R.C.P., L.S.A., and D.P.H. Camb. *Salary.*—60*l.* (without repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—C. Burgess, Cert. San. Inst. *Salary.*—80*l.* (without repayment). *Performance of Duties.*—Good.

Repression of Nuisances.—Improving.

Isolation Hospital.—Provided in combination with Tunstall Urban and Wolstanton and Burslem Rural Districts; 18 beds.

Disinfecting Apparatus.—Hot-air apparatus at hospital.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on June 20th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Sewerage and drainage.
(3.) Privy and ashpit construction.
(4.) Excrement and refuse removal.
(5.) State of dwellings.
(6.) State of roadways.
(7.) Byelaws.
(8.) Dairies, cowsheds, and milkshops.

BURTON-UPON-TRENT BOROUGH.

(STAFFORDSHIRE.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—August 29th, 1893. *Area.*—4,207 acres. *Population.*—(1891) 46,047. *Inhabited Houses.*—(1891) 8,905. *Rateable Value.*—(1893) 242,709*l.* *Industries.*—Brewing and associated trades.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Satisfactory, except in oldest part of town, where many groups of cottages are dilapidated, damp, and unfit for habitation; only in oldest part of town is there any overcrowding of houses on area; no overcrowding of persons.

Water Supply.—About one-half of the houses receive their water supply from the works of South Staffordshire Water Company; water obtained from deep well in Sandstone at Fradley; supply constant, unfiltered; water apparently of good quality. Remainder supplied from shallow wells sunk in Alluvium and exposed to pollution.

Sewerage and Drainage.—Western portion of town sewered, gradient flat, and silting of sewers frequent; ventilation almost entirely effected by means of fall pipes; sewage pumped to sewage farm, treated with lime and by intermittent downward filtration. Eastern portion of town unsewered. House drains disconnected in slovenly manner. Rainfall pipes in direct communication with sewers. Soil pipes inefficiently ventilated.

Excrement Disposal and Removal.—Midden privies, 3,817; waterclosets, 1,713; pan closets, 4,576. Midden privies frequently deep and wet. Pan closets well constructed. Pans emptied weekly. Privy middens, as a rule, emptied once in six months.

Refuse Removal.—There are 2,961 ashtubs and 2,900 ashpits; emptied at weekly intervals. Contents of middens and rough part of ashpit contents burned in four-celled destructor. Pan contents mixed with fine ashes and sold for manure.

Registered Buildings and Trades:—

Common lodging-houses	14	Satisfactory.	Cowsheds - -	109	Fair.
Houses let in lodgings -	None registered.		Milkshops - -	82	Fair.
Slaughter-houses -	47	Well kept.	Bakehouses - -	70	Airy and clean.
Dairies - - -	?	—	Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Progressive.

Date of Approval of Byelaws as to:—Scavenging, 1892; Nuisances, none; Common lodging-houses, none; New streets and buildings, 1865; Slaughter-houses, 1853; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1892.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Part V. adopted 1893.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Charles Perks, L.R.C.P., M.R.C.S. *Salary.*—125*l.* (without repayment). *Performance of Duties.*—Active.

Inspector of Nuisances.—William Reading. *Salary.*—150*l.* (without repayment). *Performance of Duties.*—Active and efficient.

Repression of Nuisances.—Promptly dealt with.

Isolation Hospital.—Three temporary hospitals provided; permanent hospital with accommodation for 30 beds in course of erection at date of inspection.

Disinfecting Apparatus.—Washington Lyons' steam disinfector.

Special Preparation for Cholera.—Hand-bills giving precautions issued in 1892.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on October 6th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) Condition of dwellings.
(5.) Dairies, cowsheds, and milkshops.
(6.) Byelaws.

CALNE BOROUGH.

(Wiltshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—January 1st, 1895. *Area.*—356 acres. *Population.*—(1891) 3,495. *Inhabited Houses.*—(1891) 751. *Rateable Value.*—(1894) 10,216*l.* *Industries.*—Bacon-curing and agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair, as a rule; some crowding of dwellings in centre of town; no overcrowding of persons.

Water Supply.—Chiefly from works of a private company; water obtained from springs in Greensand, and from gathering ground in Chalk downs at Calstone; not filtered; supply constant and abundant; quality apparently good. Remainder of district supplied by shallow wells of which many liable to pollution.

Sewerage and Drainage.—With the exception of the outlying parts of the district of Cow Lane and Quemerford, Calne has been sewered throughout; ventilation by means of vertical shafts; sewers flushed twice weekly; sewage treated by intermittent downward filtration; effluent apparently satisfactory. Quemerford and Cow Lane unsewered. House drainage of Calne proper, as a rule, disconnected from sewer.

Excrement Disposal and Removal.—At Calne, by waterclosets, chiefly long hopper, hand flushed; ventilation of soil pipes very faulty. At Cow Lane and Quemerford, by vault privies, which are unfrequently emptied and give rise to much nuisance.

Refuse Removal.—House refuse removed by Sanitary Authority at weekly intervals.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	7	Fair.
Houses let in lodgings -	None registered.		Cowsheds - - -		
Slaughter-houses -	18	Good.	Milkshops - -		
			Bakehouses - -	10	Good.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fairly active as regards larger schemes of sanitary improvement, but inefficient in matters of detail.

Date of Approval of Byelaws as to:—Scavenging, 1888; Nuisances, 1888; Common lodging-houses, 1888; New streets and buildings, 1888; Slaughter-houses, 1888; Offensive trades, 1888.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1887.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1892.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Donald Campbell, M.D. *Salary.*—16*l.* (with repayment). *Performance of Duties.*—Very good.
Inspector of Nuisances.—George Drewett. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Satisfactory.
Repression of Nuisances.—Promptly dealt with.
Isolation Hospital.—Provided in combination with Calne Rural District in 1889; 10 beds, well arranged.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—Special inspection of district; more frequent flushing of sewers; increased attention to filth removal during 1892 and 1893. Hand-bills giving precautions also issued.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on January 16th, 1895, when formal recommendations were made as regard the following matters:—
(1.) Water supply.
(2.) House drainage.
(3.) Excrement disposal.
(4.) Cleanliness of house yards.

CALVERLEY URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—30th July 1894. *Area.*—2,113 acres. *Population.*—(1891) 2,525. *Inhabited Houses.*—(1891) 588. *Rateable Value.*—(1894) 16,467*l.* *Industries.*—Woollen manufactures, agriculture, and stone quarrying.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Cottages chiefly of comparatively recent construction; well built; no crowding of dwellings upon area or of persons in houses.
Water Supply.—From three sources: (*a*) chiefly from Bradford Corporation low-level supply; (*b*) from a quarry at Woodhall, quarry still worked, and water apparently insufficient in quantity and of doubtful purity; and (*c*) from a spring in Calverley Wood.
Sewerage and Drainage.—Sewered throughout; ventilation effected by manhole grids; not flushed; sewage passed untreated into stream communicating with canal. House drainage fairly satisfactory.
Excrement Disposal and Removal.—Privy middens, many of old type, and some situate in close proximity to houses. Scavenging undertaken by Sanitary Authority. Middens emptied once in three months.
Refuse Removal.—House refuse disposed of in middens, and removed four times a year. Midden contents used either for agricultural purposes or tipped into old quarry.
Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - -	54	Indifferent.
Houses let in lodgings	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	1	Fair.
Slaughter-houses -	2	Well kept.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fairly active.
Date of Approval of Byelaws as to:—Scavenging, 1867; Nuisances, 1867; Common, lodging-houses, none; New streets and buildings, 1867; Slaughter-houses, 1867; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889 ; adopted 1892.
(*b.*) Infectious Diseases (Prevention) Act, 1890 ; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890 ; not adopted.
(*d.*) Housing of the Working Classes Act, 1890 ; no action taken.
Medical Officer of Health.—Charles Edward Hollings, L.R.C.P., M.R.C.S. *Salary.*—20*l.* (with repayment). *Performance of Duties* —Good.
Inspector of Nuisances.—James Waller. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Satisfactory.
Repression of Nuisances.—Efficiently dealt with.
Isolation Hospital.—Provided in combination with Idle, Eccleshill, Farsley, and Pudsey Urban Districts ; 28 beds, well arranged.
Disinfecting Apparatus.—Steam disinfecting apparatus provided at hospital.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on August 27th, 1894, when formal recommendations were made as regards the following matters :—
(1.) Water supply.
(2.) Excrement and refuse disposal.
(3.) Byelaws.
(4.) Sewage disposal.
(5.) Cowsheds, dairies, and milkshops.

CAMBORNE URBAN DISTRICT.

(Cornwall.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—July 5th-7th, 1894. *Area.*—6,931 acres. *Population.*—(1891) 14,700. *Inhabited Houses.*—(1891) 3,264. *Rateable Value.*—(1894) 40,471*l.* *Industries.*—Tin mining, tin streaming, iron founding, and safety fuse manufacture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—As a rule, dwellings of the working classes substantially built of stone or concrete ; several blocks where houses have no means of through ventilation, and some quite unfit for habitation ; not much crowding of dwellings upon area ; much overcrowding of persons in houses.
Water Supply.—Chiefly from works of Camborne Waterworks Company ; water obtained from springs and gathering ground situate at Black Rock, Crowan ; filtered through granite and granite sand ; supply constant except in times of drought, when supply is insufficient ; water apparently of good quality. Troone supplied with water from old mining adit.
Sewerage and Drainage.—Sewered throughout ; ventilation effected by street openings and by shafts ; automatic flushing chamber provided ; sewage treated by broad irrigation over land. House drains fairly satisfactory.
Excrement Disposal and Removal.—Chiefly by means of privies, either vaults or middens, nearly all below level of ground. Removal of privy contents imposed upon occupiers ; scavenging badly performed ; foul accumulations common.
Refuse Removal.—Fixed receptacles for house refuse ; three carts, property of Sanitary Authority, continually engaged in collection and removal of refuse receptacles, emptied, as a rule, at fortnightly intervals.

Registered Buildings and Trades :—

Common lodging-houses.	Several	Unregistered and unregulated.	Dairies - -	Number unknown.	Unregistered and unregulated.
Houses let in lodgings.	Several	Unregistered and unregulated.	Cowsheds -		
			Milkshops -		
Slaughter-houses	6	2 good, 2 indifferent, 2 bad.	Bakehouses -	3	Clean and well kept.
			Offensive trades	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Slightly improving during recent years, but very reluctant to enforce improvements at expense of landlords.

Date of Approval of Byelaws as to :—Scavenging, 1886; Nuisances, 1886; Common lodging-houses, 1886; New streets and buildings, 1886; Slaughter-houses, 1886; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Robert Erskine, M.D. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Good and efficient.

Inspector of Nuisances.—Thomas Negus. *Salary.*—55*l.* (with repayment). *Performance of Duties.*—Satisfactory.

Repression of Nuisances.—Fair.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Hand-bills, giving precautions against cholera, issued by Sanitary Authority.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on November 2nd, 1894, when formal recommendations were made as regards the following matters :—

(1.) Water supply.
(2.) Isolation provision.
(3.) Excrement and refuse disposal.
(4.) Insanitary dwellings.
(5.) Housing of the Working Classes Act, 1890.
(6.) Overcrowding of persons in houses.
(7.) Common lodging-houses, slaughter-houses, dairies, cowsheds, and milkshops.
(8.) Houses let in lodgings.

CARLISLE CITY AND BOROUGH.

(Cumberland.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—April 9th–10th, 1894. *Area.*—2,025 acres. *Population.*—(1891) 39,176. *Inhabited Houses.*—(1891) 7,629. *Rateable Value.*—(1894) 161,208*l.* *Industries.*—Market town and agricultural centre; biscuit making, ironworks, woollen and cotton manufactures.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Some of older cottages unfit for habitation; much crowding of dwellings in the area within the old city walls;

many back-to-back houses; considerable overcrowding of persons in tenemented dwellings; of total houses (7,629) no less than 2,869 are tenements of one or two rooms only.

Water Supply.—Public supply from River Eden; filtered through sand and gravel; supply constant and plentiful, but of questionable purity, as many villages discharge sewage into river above intake of waterworks.

Sewerage and Drainage.—Sewered throughout; ventilated by manhole grids, and in 29 instances by shafts connected with factory chimneys; arrangements for flushing very complete; sewage discharged untreated into River Eden. House drainage defective; slopstone wastes, rainwater fall pipes, frequently in direct communication with sewers.

Excrement Disposal and Removal.—Waterclosets almost universal; short hopper closets with separate flushing cistern of 2½ to 3 gallons capacity. Soil pipes of outside closets rarely ventilated. Insufficient closet accommodation in tenemented property, one closet to eight or ten tenements being common proportion.

Refuse Removal.—House refuse placed in pails or tubs, which are emptied daily in crowded parts of town, and thrice or twice a week in less crowded parts. Scavenging satisfactory.

Registered Buildings and Trades:—

Common lodging-houses	11	Fair, but overcrowded.	Dairies - - -	—	—
			Cowsheds - -	42	Good.
Houses let in lodgings -	?	Not registered or regulated.	Milkshops - - -	9	Good.
			Bakehouses - -	30	Clean and airy.
Slaughter-houses -	3	Public; good.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—The Authority is doing much good work.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, 1893; New streets and buildings, 1885; Slaughter-houses, 1892; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1890.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—William Brown, F.R.C.S. *Salary.*—200*l.* (with repayment). *Performance of Duties.*—Has no special acquaintance with sanitary matters.

Inspector of Nuisances.—Charles William Hill. *Salary.*—120*l.* (with repayment). *Performance of Duties.*—Thoroughly efficient and active.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—Under an arrangement with a charitable institution, 16 beds are permanently provided for infectious patients at the Crozier Lodge Hospital, and 16 further beds reserved, if necessary. Arrangements for isolation of patients not very satisfactory.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Extra scavenging and flushing of sewers carried out.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on April 4th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Condition of dwellings.
(2.) Waterclosets.
(3.) House drains.

CARMARTHEN BOROUGH.

(CARMARTHENSHIRE.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—April 22nd, 1893. *Area.*—5,157 acres. *Population.*—(1891) 10,264. *Inhabited Houses.*—(1891) 2,073. *Rateable Value.*—(1892) 37,956*l.* *Industries.*—Agricultural market town; some factories, iron, and tin works.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Many dirty, damp, badly lighted, ill-ventilated houses in older part of town; several courts and alleys, and some back-to-back houses; some overcrowding, especially during period of militia training.

Water Supply.—Public supply partly from springs and partly from wells situate in valley near the River Towy; supply constant, except during periods of drought, when quantity of water is insufficient; not filtered. Quality of water obtained from wells somewhat doubtful.

Sewerage and Drainage.—Sewered throughout; ventilated by open gratings in streets; regular and complete system of flushing; outfall into tidal river below low-water mark. House drainage fairly satisfactory.

Excrement Disposal and Removal.—Waterclosets almost universal; in poorer parts of town hand flushed.

Refuse Removal.—House refuse removed regularly by scavengers of Sanitary Authority; satisfactory.

Registered Buildings and Trades:—

Common lodging-houses	3	Indifferent.	Dairies - -	?	Not regulated.
Houses let in lodgings	None registered.		Cowsheds - -		
Slaughter-houses -	1	Public; good	Milkshops -		
			Bakehouses -	?	Indifferent.
			Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Sanitary Authority anxious to do work efficiently.

Date of Approval of Byelaws as to:—Scavenging, 1854; Nuisances, 1863; Common lodging-houses, 1852; New streets and buildings, 1863; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—William Lewis Hughes, M.R.C.S., L.S.A. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—Ill at date of inspection.

Inspector of Nuisances.—John Williams. *Salary.*—65*l.* (with repayment). *Performance of Duties.*—Efficient considering his age (75 years).

Repression of Nuisances.—Fairly efficient.

Isolation Hospital.—One room with four beds provided at the old Borough Goal; never used, and unsuitable for proposed purpose.

Disinfecting Apparatus.—Hot-air "disinfecting apparatus," which is unfurnished with any means for regulating temperature. The Inspector of Nuisances stated to test heat by his hand.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on June 1st, 1893, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Courts and insanitary houses.
(3.) Byelaws.

CHEPSTOW URBAN DISTRICT.

(Monmouthshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—March 13th, 1894. *Area.*—1,096 acres. *Population.*—(1891) 3,378. *Inhabited Houses.*—(1891) 671. *Rateable Value.*—(1893) 10,733*l.* *Industries.*—Market town; iron foundry, bobbin works, some shipbuilding, and salmon fishing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many damp houses with insanitary surroundings; great huddling of houses upon area; numerous courts and blind alleys, many imperfectly paved; apparently considerable overcrowding of persons in houses.

Water Supply.—Supply from works of private company; water obtained from springs in Old Red Sandstone; supply unfiltered and intermittent; insufficient in quantity in dry weather, and quality doubtful after rainfall; containing much vegetable débris. A few private wells.

Sewerage and Drainage.—Sewerage scheme newly completed at date of inspection; satisfactory arrangements for ventilation and flushing; sewage discharged into estuary below low-water mark. House drains frequently under houses and inefficiently ventilated; many sink wastes passed directly to drains without air-break.

Excrement Disposal and Removal.—Waterclosets, of which about a quarter provided with flushing cistern, remaining three-quarters hand flushed, and consequently very unsatisfactory. Many closets situate in unwholesome positions, *e.g.*, in cellars, washhouses, pantries, &c.

Refuse Removal.—Refuse removed by contract under Sanitary Authority; collected twice weekly; satisfactory.

Registered Buildings and Trades:—

Common lodging-houses	1	Fair.	Cowsheds - - -	1	Good.
Houses let in lodgings -	None	registered.	Milkshops - -	—	—
Slaughter-houses -	6	Indifferent.	Bakehouses - -	8	Fair.
Dairies - - -	1	Good.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very inefficient in the past, but considerable improvement of late years.

Date of Approval of Byelaws as to:—Scavenging, 1884; Nuisances, 1884; Common lodging-houses, 1884; New streets and buildings, 1884; Slaughter-houses, 1884; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Edward Pendrill King, M.R.C.S., L.S.A. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—J. H. Atkins. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Newly appointed at date of inspection.

Repression of Nuisances.—Not efficient hitherto.

Isolation Hospital.—Makeshift adaptation of an old bark storehouse for hospital purposes, 22 beds; building more or less ruinous, and quite unfitted for purpose of hospital.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—A stretcher provided and the outside of the "hospital" whitewashed.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on April 5th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) House drainage.
(3.) Isolation provision.
(4.) Courts and insanitary houses.
(5.) Action in regard to nuisances.
(6.) Dairies, cowsheds, and milkshops.

CHESTERFIELD BOROUGH.

(Derbyshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—June 4th–6th, 1894. *Area.*—1,219 acres. *Population.*—(1891) 22,009. *Inhabited Houses.*—(1891) 4,171. *Rateable Value.*—(1894) 62,653*l*. *Industries.*—Collieries, iron works, potteries, and tanneries.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many damp, dirty, ill-ventilated cottages with filthy surroundings; in old town excessive crowding of dwellings upon area, many small courts; considerable overcrowding of persons in houses.

Water Supply.—Supply from works of Chesterfield Water and Gas Company; water obtained from gathering ground of 1,333 acres on Millstone Grit; liable to pollution from farmhouse drainage on gathering ground; no filtration; supply constant.

Sewerage and Drainage.—Sewered throughout; ventilated by manhole grids and up-east shafts; flushing by means of tank cart; sewage disposed of by broad irrigation on sewage farm of 37 acres. House drainage very defective. Yard gullies of mid-feather type, set in brick-built cesspits; house drains frequently unventilated.

Excrement Disposal and Removal.—Mostly midden privies; large, deep, foul, and offensive; often built against houses, and in narrow places, where they defile air-supply of dwellings. A few waterclosets and slop-water closets.

Refuse Removal.—Scavenging of midden contents by contractors under Sanitary Authority; removal not systematic; middens emptied when full. Large accumulations of refuse observed.

Registered Buildings and Trades:—

Common lodging-houses	12	Some unfit.	Dairies - - -	35	Fair.
			Cowsheds - -		
Houses let in lodgings -	Not registered or regulated.		Milkshops - -	6	Fair.
			Bakehouses - -	14	Good.
Slaughter-houses -	30	Indifferent.	Offensive trades -	8	Good.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inactive until recently; now improving.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1891; Common lodging-houses, 1890; New streets and buildings, 1891; Slaughter-houses, 1891; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1890.
(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., and III. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; 56 notices served; seven houses closed.
Medical Officer of Health.—John E. Gould, M.D., D.P.H. *Salary.*—200*l.* (with repayment). *Performance of Duties.*—Very efficient.
Inspector of Nuisances.—Charles Edward Wood, Cert. San. Inst. *Salary.*—125*l.* (with repayment). *Performance of Duties.*—Well trained and active.
Repression of Nuisances.—Efficient, except as regards privy nuisances.
Isolation Hospital.—Temporary hospital, with accommodation for 10 beds. Not satisfactory.
Disinfecting Apparatus.—Washington Lyons' steam disinfector provided.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on July 10th, 1894, when formal recommendations were made as regards the following matters :—
(1.) Isolation provision.
(2.) Water supply.
(3.) Housing of the Working Classes Act, 1890.

CLAY CROSS URBAN DISTRICT.

(Derbyshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—May 9th and 11th, 1894. *Area.*—1,462 acres. *Population.*—(1891) 7,727. *Inhabited Houses.* (1891) 1,396. *Rateable Value.*—(1894) 17,995*l.* *Industries.*—Coal mining and iron smelting.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many insanitary cottages with filthy surroundings; some back-to-back houses; little crowding of houses upon area; occasional overcrowding of persons in houses.
Water Supply.—From works of water company; water obtained partly from spring in Sandstone, and partly from Press Brook; spring water delivered unfiltered; brook water filtered through sand and gravel; supply constant, but barely sufficient in dry weather.
Sewerage and Drainage.—Sewered throughout; ventilation effected by manhole grids; sewers not flushed owing to scarcity of water; sewage after passing through rough coke filters used for broad irrigation. House drainage very defective; many gullies of midfeather type set in brick cesspits. Eave-spouting defective, and yard surfaces seldom paved.
Excrement Disposal and Removal.—Midden privies, large, deep, and uncovered. Midden contents removed by contractor under Sanitary Authority "when required."
Refuse Removal.—House refuse disposed of in privy middens.
Registered Buildings and Trades :—

Common lodging-houses	5	Fair.	Dairies - -	32	In many cases dark, dirty, badly drained, and ill-ventilated.
Houses let in lodgings -	None registered.		Cowsheds - -		
Slaughter-houses -	11	Indifferent.	Milkshops -		
			Bakehouses -	3	Indifferent.
			Offensive trades	None	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very lax.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1876; Common lodging-houses, 1876; New streets and buildings, 1876; Slaughter-houses, 1876; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1889.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1893.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II. and III. adopted 1893.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Angus Macintosh, M.D. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Good.

Inspector of Nuisances.—Thomas Gulliver Griffin, Cert. San. Inst. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—Active and intelligent.

Repression of Nuisances.—Nuisances involving constructive repairs to property not efficiently dealt with by the Sanitary Authority.

Isolation Hospital.—A building with four wards provided by Authority for small-pox, situate on an old pit heap. At the date of inspection building divided into two cottages and occupied as dwellings.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on June 11th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.

(2.) Excrement and refuse disposal.

(3.) House drainage.

(4.) Houses unfit for habitation.

(5.) Slaughter-houses, dairies, and cowsheds.

CLAYTON URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—September 7th, 1894. *Area.*—1,464 acres. *Population.*—(1891) 4,707. *Inhabited Houses.*—(1891) 1,039. *Rateable Value.*—(1894) 17,658*l.* *Industries.*—Quarrying, agriculture, woollen and worsted manufactures.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Floors of older cottages often partially below ground level; eave-spouting defective, and without means of ventilation. Some dilapidated houses unfit for habitation; some back-to-back houses built recently; no crowding of persons in houses observed.

Water Supply.—Chiefly from the works of the Bradford Corporation; a few houses obtain water from wells, some of which apparently liable to pollution.

Sewerage and Drainage.—No sewerage scheme. With the exception of pipe drain through Clayton Village, drainage effected by means of old rubble surface-water drains; sewage discharged untreated into watercourses. House drainage satisfactory in new houses, but many old houses provided with rubble drains; sink wastes not properly disconnected.

Excrement Disposal and Removal.—Privy middens, deep, large, and uncemented, mostly roofed; some situate against walls of houses.

Refuse Removal.—Privy middens scavenged by Sanitary Authority at three monthly intervals.

Registered Buildings and Trades :—

Common lodging-houses	None.	—	Dairies - - -	55	Satisfactory.
Houses let in lodgings -	None registered.		Cowsheds - - -		
			Milkshops - -		
			Bakehouses - -	None.	—
Slaughter-houses -	3	Fair.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fair.

Date of Approval of Byelaws as to :—Scavenging, 1866 ; Nuisances, 1866 ; Common lodging-houses, 1866 ; New streets and buildings, none ; Slaughter-houses, none ; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889 ; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890 ; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890 ; not adopted.
(*d.*) Housing of the Working Classes Act, 1890 ; no action taken.

Medical Officer of Health.—Albert Edward Tunstall, L.R.C.P., M.R.C.S. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—Smith Mitchell. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Most of his time taken up by his duties as Surveyor and Superintendent of Scavenging.

Repression of Nuisances.—Fair.

Isolation Hospital.—Provided in combination with Thornton Urban and Wilsden Urban ; eight beds, arrangements excellent.

Disinfecting Apparatus.— Steam apparatus at Joint Hospital.

Special Preparation for Cholera.—Notification of choleraic diarrhœa adopted for three months in 1894.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on October 20th, 1894, when formal recommendations were made as regards the following matters :—

(1.) Water supply.
(2.) Excrement and refuse disposal.
(3.) Sewerage and house drainage.
(4.) Houses unfit for habitation.
(5.) Byelaws.

CLECKHEATON URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—August 7th and 9th, 1894. *Area.*—1,755 acres. *Population.*—(1891) 11,826. *Inhabited Houses.*—(1891) 2,586. *Rateable Value.*—(1894) 47,667*l.* *Industries.*—Manufacture of worsted yarns, of cards for wool, and of chemicals, coal mining, and agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair as a rule ; some crowding of dwellings upon area in Cleckheaton ward ; many back-to-back cottages ; occasional overcrowding of persons.

Water Supply.—From works of the Bradford Corporation. Supply ample in quantity and good in quality.

Sewerage and Drainage.—No systematic sewerage ; but loan applied for to enable Authority to carry out complete scheme ; sewage discharged untreated into watercourses. House drainage very defective ; yard gullies frequently untrapped ; fall pipes directly connected with drains ; very few yards paved.

Excrement Disposal and Removal.—Privy middens, many uncovered, deep, and of great size; a few houses provided with slop-water closets. Scavenging of middens let to contractors in two wards, whilst in one work carried out by Authority's own men. Middens emptied on notice being given by householder or by Inspector of Nuisances. Some overflowing middens observed.

Refuse Removal.—House refuse disposed of in middens.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies -	61	Many unsatisfactory.
Houses let in lodgings -	None registered.		Cowsheds -		
			Milkshops -		
			Bakehouses -	3	Satisfactory.
Slaughter-houses -	10	Indifferent.	Offensive trades	2	Satisfactory.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Unsatisfactory.

*Date of Approval of Byelaws as to:—*Scavenging, none; Nuisances, 1890; Common lodging-houses, 1890; New streets and buildings, 1890; Slaughter-houses, 1890; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., and V. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—George Hodgson Higgings, M.R.C.S., L.R.C.P. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—An active officer.

Inspector of Nuisances.—Alfred Holroyd, Cert. San. Inst. *Salary.*—64*l.* (with repayment). *Performance of Duties.*—Not very active in the past.

Repression of Nuisances.—Inefficient in the past, but improving recently.

Isolation Hospital.—Provided in combination with Tong, North Bierley, and Hunsworth Urban Districts. Sixteen beds permanent; 12 beds temporary; well arranged.

Disinfecting Apparatus.—Steam disinfector at hospital.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on November 11th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement and refuse disposal.

(2.) Scavenging.

(3.) House drainage.

CLEETHORPES-WITH-THRUNSCOE URBAN DISTRICT.

(Lincolnshire.)

Inspector.—Mr. T. W. Thompson. *Date of Inspection.*—May 17th, 1893. *Area.*—1,196 acres. *Population.*—(1891) 4,306. *Inhabited Houses.*—(1891) 901. *Rateable Value.*—(1893) 14,993*l.* *Industries.*—Seaside resort; some fishing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair on the whole; some crowding of houses on area; overcrowding of persons in houses occasional.

Water Supply.—Chiefly from the works of the Great Grimsby Water Company; water obtained from artesian springs in Chalk; supply constant and apparently of good quality; several private wells still in use; some wells situate in positions which render them liable to grave pollution.

Sewerage and Drainage.—Southern half of town sewered in 1870; sewage discharged into Humberstone Beck (tidal); ventilation insufficient, no special means of flushing provided.

Northern half of town sewered in 1888; sewage discharged into sea below low-water mark; ventilated by open gratings at road level, flushing tank at head of system. House drains not satisfactory. Many soil-pipes pass direct into sewers without disconnecting traps. Soil pipe ventilation inadequate.

Excrement Disposal and Removal.—Chiefly by privies provided with movable wooden boxes; some waterclosets. Removal of privy contents contracted for; removal effected once a week during ten months of the year, and twice a week during July and August.

Refuse Removal.—House refuse as a rule disposed of in boxes noted above, and removed with contents of privies.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - -	11	Unsatisfactory.
			Cowsheds - -		
Houses let in lodgings -	None registered.		Milkshops - -	None.	—
			Bakehouses - -	2	Fair.
Slaughter-houses -	5	Indifferent.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Decidedly unsatisfactory hitherto.

Date of Approval of Byelaws as to:—Scavenging, 1875; Nuisances, 1875; Common lodging-houses, none; New streets and buildings, 1875; Slaughter-houses, 1875; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1892.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Thomas Newby, M.D., M.R.C.S., L.S.A. *Salary.*—25*l.* (with repayment). *Performance of Duties.*—Has given sound advice.

Inspector of Nuisances.—Charles Brown; also road foreman. *Salary.*—26*s.* per week (without repayment). *Performance of Duties.*—Fair, in view of the time at his disposal.

Repression of Nuisances.—Recurring nuisances not dealt with efficiently.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparations for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr Reece on October 7th, 1893, when formal recommendations were made as regards the following matters:—

(1.) House-to-house inspection.
(2.) Water supply.
(3.) Sewerage and sewage disposal.
(4.) House drainage.
(5.) Excrement and refuse disposal.
(6.) Scavenging.
(7.) Paving of yards.
(8.) Dairies, cowsheds, and milkshops.
(9.) Slaughter-houses.
(10.) The keeping of animals.
(11.) Byelaws.
(12.) Nuisances.

COCKERMOUTH URBAN DISTRICT.

(CUMBERLAND.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—April 12th, 1894. *Area.*—2,425 acres. *Population.*—(1891) 5,464. *Inhabited Houses.*—(1891) 1,173. *Rateable Value.*—(1894) 14,779*l.* *Industries.*—Agricultural centre; flax and wool spinning.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Fair as a rule; some dwellings unfit for habitation; great crowding of dwellings upon area in the centre of the town; many back-to-back houses; some overcrowding of persons in houses.

Water Supply.—Public water supply; water obtained from Crummock Water; supply constant and apparently of good quality; not filtered.

Sewerage and Drainage.—Sewered throughout; ventilation effected by manhole grids; branch sewers insufficiently ventilated; automatic flushing tanks; sewage, after passing through settling tanks, treated on land by broad irrigation. House drainage fair; yards often unpaved.

Excrement Disposal and Removal.—Waterclosets, each provided with separate flushing tank; soil pipes as a rule unventilated.

Refuse Removal.—House refuse removed by scavengers under Sanitary Authority; carts go through district twice a week; satisfactory.

Registered Buildings and Trades:—

Common lodging-houses	3	Good.	Dairies - - -	7	Indifferent.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - - -		
			Bakehouses - -	2	Fair.
Slaughter-houses -	7	Fair.	Offensive trades -	2	Fair.

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Not very active.

Date of Approval of Byelaws as to:—Scavenging, none; ; Nuisances, 1886; Common lodging-houses, 1886; New streets and buildings, 1886; Slaughter-houses, 1886; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., and V. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—John Robertson, M.D., L.R.C.S.. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—An active officer.

Inspector of Nuisances.—Robert Simon Marsh. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Unsatisfactory.

Repression of Nuisances.—Not efficiently dealt with.

Isolation Hospital.—None.

Disinfecting Apparatus.—Hot-air chamber; arrangements unsatisfactory.

Special Preparation for Cholera.—None.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

Final Conference with Sanitary Authority held by Dr. Wilson on April 3rd, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Houses unfit for habitation.
(3.) Inspection of the district for nuisances.
(4.) House drainage.
(5.) Dairies, cowsheds, and milkshops.

CONSETT URBAN DISTRICT.

(DURHAM.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—November 20th and 21st, 1893. *Area.*—993 acres. *Population.*—(1891) 8,175. *Inhabited Houses.*—(1891) 1,372. *Rateable Value.*—(1893) 32,982*l.* *Industries.*—Iron-works and coal mining.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Older houses of ordinary pattern of old Durham colliery villages; newer houses well arranged; a few courts; over-crowding of persons to some extent.

Water Supply.—From the works of the Consett Water Company; supply constant, and apparently of good quality.

Sewerage and Drainage.—Sewered throughout; sewage treated by broad irrigation on sewage farm of 100 acres; ventilation by gratings at road level, and shafts in highest points of branches; flushing arrangements satisfactory. House drainage satisfactory.

Excrement Disposal and Removal.—Privy middens in general use; many of old type; waterclosets substituted for privy middens in many cases; scavenging of middens left to occupiers where houses not property of the Iron Company and work neglected; Iron Company's cottages scavenged by Company at regular intervals.

Refuse Removal.—Refuse removed with midden contents.

Registered Buildings and Trades:—

Common lodging-houses	3	Some over-crowding.	Dairies - -	34	Cowsheds indifferent.
Houses let in lodgings -	None registered.		Cowsheds - -		
Slaughter-houses - -	16	Condition fair, but filth disposal unsatisfactory.	Milkshops - -		
			Bakehouses - -	None.	
			Offensive trades -	None.	

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Have done much for the improvement of the district.

Date of Approval of Byelaws as to:—Scavenging, 1866; Nuisances, 1866; Common lodging-houses, none; New streets and buildings, 1866; Slaughter-houses, 1866; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1887.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—George Renton, M.D. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Satisfactory.

Inspector of Nuisances.—William Rippon. *Salary.*—100*l.* (with repayment). *Performance of Duties.*—Excellent.

Repression of Nuisances.—Promptly dealt with.

Isolation Hospital.—Provided in combination with Leadgate, Benfieldside, Stanley Urban, and Lanchester Rural. 30 beds; arrangements satisfactory.

Disinfecting Apparatus.—Hot-air apparatus at hospital.

Special Preparation for Cholera.—Hand-bills giving precautions against cholera issued.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

Final Conference with Sanitary Authority held by Dr. Wilson on December 20th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Excrement and refuse disposal.
(2.) Condition of dwellings.
(3.) Byelaws.
(4.) Slaughter-houses, cowsheds, and dairies.

COSELEY URBAN DISTRICT.

(STAFFORDSHIRE.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—November 7th–9th, 1894. *Area.*—3,704 acres. *Population.*—(1891) 21,899. *Inhabited Houses.*—(1891) 4,429. *Rateable Value.*—(1894) 26,200*l.* *Industries.*—Coal mining, iron working.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Fairly good as a rule; some back-to-back houses, and some unfit for habitation; little crowding of houses upon area; overcrowding of persons in houses occasional.

Water Supply.—About three-fourths of houses supplied from either Wolverhampton Waterworks or from South Staffordshire Water Company; remaining fourth from shallow private wells, frequently liable to dangerous contamination.

Sewerage and Drainage.—Sewage nuisances abound owing to absence of due sewerage and drainage; sewage discharged untreated into water-courses. House drainage almost universally effected by means of surface channels.

Excrement Disposal and Removal.—Privy vaults almost universal; emptied at long intervals; very unsatisfactory.

Refuse Removal.—House refuse removed by Sanitary Authority's scavengers; work inefficiently performed.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - -	78	Indifferent.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	?	Indifferent.
Slaughter-houses -	19	Unsatisfactory.	Offensive trades -	None.	--

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Exceptionally remiss.

*Date of Approval of Byelaws as to:—*Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, 1869; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1892.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1892.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1892.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Joseph George Clendinnen, L.R.C.S.I., L.A.H. *Salary.*—70*l.* (with repayment). *Performance of Duties.*—Unsatisfactory.

Inspector of Nuisances.—John Mills. *Salary.*—120*l.* (with repayment). *Performance of Duties.*—Works hard, but most of his time taken up with privy nuisances.

Repression of Nuisances.—Inefficient.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

Final Conference with Sanitary Authority held by Dr. Fletcher on February 5th 1895, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Insanitary houses and yards.
(4.) Excrement and refuse disposal and removal.
(5.) Byelaws.
(6.) Dairies, cowsheds, and milkshops.

COTTINGHAM URBAN DISTRICT.

(YORKSHIRE, E.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—June 20th, 1893. *Area.*—8,690 acres. *Population.*—(1891) 3,880. *Inhabited Houses.*—(1891) 822. *Rateable Value.*—(1892) 18,857*l.* *Industries.*—Market gardening; a considerable proportion of the population is composed of clerks and business men who go to Hull daily.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—For the most part very dilapidated, ill-ventilated, and damp; except in isolated instances no marked crowding of dwellings upon area; some overcrowding of persons in houses.

Water Supply.—Chiefly from "bores" which penetrate clay and gravel to reach Chalk at a distance of 50 to 80 feet from the surface; many of the "bores" liable to contamination by surface drainage and cesspool contents. Water supply to outlying villages and hamlets very bad, especially at Dimswell and Hull Bank, where water from sewage-polluted Skidby Drain is only available supply for most of the inhabitants.

Sewerage and Drainage.—Sewered throughout; sewage discharged into Humber; ventilation imperfect; flushing arrangements provided. House drainage very defective, majority of houses have large catch pits, of wood or brick, the overflow from which passes to sewers; catch pits usually situate close to pumps; sink wastes not properly disconnected; yards badly paved.

Excrement Disposal and Removal.—Chiefly by privies on the Hull system, receptacle confined to a small space under seat; contents removed by contractor once a fortnight. Many receptacles are uncemented, foul, damp, and often abut upon houses.

Refuse Removal.—Ashes thrown into privy receptacles and removed by scavengers; considerable accumulations of other house refuse observed as no arrangements for removal made by Sanitary Authority.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Cowsheds - - -	120	Very bad.
Houses let in lodgings -	None registered.		Milkshops - -	None.	—
Slaughter-houses -	3	Fair.	Bakehouses - -	None.	—
Dairies - - -	?	Indifferent.	Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Very defective hitherto, but some signs of improvement at date of inspection.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, 1864; New streets and buildings, 1864; Slaughter-houses, 1864; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., V. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Thomas Arthur Baldwin, M.D., L.R.C.S.I. *Salary.*—20*l.* (without repayment). *Performance of Duties.*—Good; under his direction considerable improvements initiated.

Inspector of Nuisances.—G. B. Stephenson. *Salary.*—30*l.* (without repayment). *Performance of Duties.*—Intelligent, but has had little experience.

Repression of Nuisances.—Very defective at date of inspection.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Posters issued in 1892 giving precautions against cholera.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on August 8th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Sewerage and drainage.
(4.) Excrement disposal.
(5.) Inspection of nuisances.
(6.) Dairies, cowsheds, and milkshops.

COWPEN URBAN DISTRICT.

(Northumberland.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—June 19th–21st, 1893. *Area.*—1,738 acres. *Population.*—(1891) 12,982. *Inhabited Houses.*—(1891) 2,275. *Rateable Value.*—(1893) 23,400*l.* *Industries.*—Coal mining and shipbuilding.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Generally fair; much of Cowpen Quay consists of old, dilapidated property, unfit for habitation; crowding of houses on area at Cowpen Quay; some overcrowding of persons.

Water Supply.—Public supply to greater part of district; water obtained from Hepscott Springs and from a peat bog at Healy Wood; filtered through sand and gravel; supply inadequate; outlying districts supplied from wells and pits; additional works in course of construction at date of inspection.

Sewerage and Drainage.—No general scheme of sewerage; each cluster of houses has a sewer discharging into nearest watercourse; sewers ill-ventilated; flushing arrangements unsatisfactory. House drainage fair, but some untrapped gullies.

Excrement Disposal and Removal.—Privy middens of worst type at Cowpen Quay and at pit villages; at Waterloo and Crofter, fixed receptacles of modern type. Removal of midden contents carried out by contractors under Sanitary Authority, nominally at fortnightly intervals.

Refuse Removal.—House refuse disposed of in middens and removed by contractors with other midden contents.

Registered Buildings and Trades:—

Common lodging-houses	3	Badly regulated.	Dairies - -	Not registered or regulated.	
Houses let in lodgings	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	4	Bad.
Slaughter-houses -	7	Badly regulated.	Offensive trades -	1	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Not very active; minor improvements carried out, but matters involving much expense seldom undertaken or enforced.

Date of Approval of Byelaws as to:—Scavenging, 1888; Nuisances, 1888; Common lodging-houses, 1888; New streets and buildings, 1888; Slaughter-houses, 1888; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Robert Laing, L.R.C.P., M.R.C.S., D.P.H. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Excellent.
Inspector of Nuisances.—G. Rutherford. *Salary.*—70*l.* (with repayment). *Performance of Duties.*—Fair.
Repression of Nuisances.—Ordinary nuisances promptly dealt with; recurrent nuisances not efficiently dealt with.
Isolation Hospital.—None. (Expect to be able to make use of new hospital belonging to Blyth Port Authority.)
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on July 27th, 1893, when formal recommendations were made as regards the following matters:—
(1.) Excrement and refuse disposal.
(2.) House drainage.
(3.) Houses unfit for habitation.

CRICCIETH URBAN DISTRICT.

(Carnarvonshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—August 15th and 16th, 1893. *Area.*—471 acres. *Population.*—(1891) 1,410. *Inhabited Houses.*—(1891) 322. *Rateable Value.*—(1893) 4,401*l.* *Industries.*—Seaside resort; agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair as a rule; some damp houses; not much crowding of houses upon area; overcrowding of persons occasionally.
Water Supply.—From works of private company; water obtained from springs; supply constant except in times of drought; quality apparently good; many private wells situate in positions where liable to pollution from surface drainage.
Sewerage and Drainage.—Sewered throughout; sewage discharged into sea; sewers ventilated by means of surface grids over manholes; flushing arrangements adequate. House drainage badly ventilated; sink wastes disconnected.
Excrement Disposal and Removal.—Waterclosets with separate flushing cisterns, soil pipes ill-ventilated. Midden privies, some of old type; scavenging imposed upon occupiers and consequently middens only emptied when full; large accumulations common.
Refuse Removal.—Refuse stored in fixed receptacles; cleaned out "when required" or "when convenient" by occupiers.
Registered Buildings and Trades:—

Common lodging-houses	None.	—	Cowsheds - -	7	Not registered.
Houses let in lodgings	None registered.		Milkshops -	5	Not registered.
Slaughter-houses -	3	Not registered.	Bakehouses -	4	Clean.
Dairies - -	6	Not registered.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Progressive.
Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1886; Common lodging-houses, none; New streets and buildings, 1888; Slaughter-houses, 1886; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Hugh Rees, M.R.C.S., L.S.A. *Salary.*—800*l.* (Carnarvon Combination of Districts, with repayment). *Performance of Duties.*—Has been ill, work done by deputy (Peter Fraser, M.D., B.Sc.).

Inspector of Nuisances.—William Jones. *Salary.*—12*l.* (with repayment). *Performance of Duties.*—Not very satisfactory.

Repression of Nuisances.—Common nuisances dealt with; recurrent nuisances neglected.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Hand-bills giving precautions against cholera distributed.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on September 27th, 1893, when formal recommendations were made as regards the following matters :—

(1.) Water supply.
(2.) Isolation provision.
(3.) Courts and insanitary houses.
(4.) Scavenging.
(5.) Action in regard to nuisances.
(6.) Dairies, cowsheds, and milkshops.

CROMER URBAN DISTRICT.

(Norfolk.)

Inspector.—Dr. S. M. Copeman. *Date of Inspection.*—March 22nd, 1893. *Area.*—871 acres. *Population.*—(1891) 2,197. *Inhabited Houses.*—(1891) 462. *Rateable Value.*—(1892) 12,861*l.* *Industries.*—Seaside resort; fishing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair as a rule; not much crowding of dwellings upon area; no overcrowding of persons in houses.

Water Supply.—From works of a private company; water obtained from Chalk; no filtration; supply constant and abundant; quality stated to be excellent.

Sewerage and Drainage.—Sewered by Rural Sanitary Authority in 1875, and since extended by Urban Authority; sewage discharged into sea below low-water mark; owing to set of currents a certain portion of sewage tends to be washed back on the shore; arrangements for ventilation and flushing adequate. House drainage passed directly into sewers without disconnecting trap; sink wastes for most part disconnected.

Excrement Disposal and Removal.—Waterclosets almost universal; a few midden privies emptied by occupiers.

Refuse Removal.—House refuse disposed of in fixed receptacles. Scavenging carried out by contractors under Sanitary Authority, twice a week in summer and once a week in winter.

Registered Buildings and Trades :—

Common lodging-houses	None.	—	Cowsheds - -	—	—
Houses let in lodgings -	None registered.		Milkshops - -	2	Fair.
Slaughter-houses -	2	1 fair, 1 bad.	Bakehouses - -	2	Fair.
Dairies - - -	—	—	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inefficient.
Date of Approval of Byelaws as to :—Scavenging, 1886; Nuisances, 1886; Common lodging-houses, none; New streets and buildings, 1892; Slaughter-houses, 1886; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—Shepheard Taylor, M.B. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Competent, but lives at Chingford, in Essex, so cannot devote much time to his duties.
Inspector of Nuisances.—A. F. Scott. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Mr. Scott is an architect in private practice at Norwich.
Repression of Nuisances.—Recurrent nuisances inadequately dealt with.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Copeman on October 12th, 1893, when formal recommendations were made as regards the following matters :—
(1.) Isolation accommodation.
(2.) Refuse and excrement disposal.
(3.) Action in regard to nuisances.

CROWLE URBAN DISTRICT.

(Lincolnshire.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—June 14th, 1893. *Area.*—8,236 acres. *Population.*—(1891) 3,095. *Inhabited Houses.*—(1891) 774. *Rateable Value.*—(1892) 15,827*l.* *Industries.*—Agriculture, brickmaking, brewing, flax manufacture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Older houses in Crowle and Eastoft very dirty and dilapidated; some crowding of houses on area at Crowle and at Eastoft; marked overcrowding of persons in houses at Eastoft.
Water Supply.—At Crowle, water supply obtained from shallow surface wells, almost universally subject to pollution of most dangerous character; at Ealand, rain water is sole source of supply; at Crowle Wharf, rain water or water from canal in use; at Eastoft, water obtained from muddy pond polluted by cattle.
Sewerage and Drainage.—At Crowle, sewering incomplete and unsystematic; no means of ventilation or flushing; sewage discharged into watercourses, untreated; at Eastoft, and other centres of population, no sewerage, house drains passed direct into nearest watercourse. House drainage very defective; a few houses have properly trapped yard gullies, but majority have no proper drainage.
Excrement Disposal and Removal.—Chiefly by privy middens of the worst type; frequently placed close to houses; scavenging left to occupiers; great accumulations of filth noticed at time of inspection. At Eastoft some houses are without privy accommodation.
Refuse Removal.—Refuse is removed by private owners only. Accumulations of refuse are a marked feature throughout the district.

Registered Buildings and Trades :—

Common lodging-houses	2	One very bad.	Cowsheds - -	?	No large cow-sheds.
Houses let in lodgings	None registered.				
Slaughter-houses -	8	Fairly good.	Milkshops -	None.	—
Dairies - - -	1	Fair.	Bakehouses -	None.	—
			Offensive trades -	1	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very defective.

Date of Approval of Byelaws as to :—Scavenging, 1889; Nuisances, 1889; Common lodging-houses, 1889; New streets and buildings, 1889; Slaughter-houses, 1889; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Archibald Alexander Hamilton, L.R.C.P., L.R.C.S. *Salary.*—15*l.* (without repayment). *Performance of Duties.*—Knows defects of district, but does little work owing to absence of support from the Sanitary Authority.

Inspector of Nuisances.—R. J. Drewry. *Salary.*—10*l.* (without repayment). *Performance of Duties.*—Inefficient.

Repression of Nuisances.—Very defective.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on August 11th, 1893, when formal recommendations were made as regards the following matters :—

(1.) Water supply.
(2.) Isolation provision.
(3.) Sewerage.
(4.) Excrement and refuse disposal.
(5.) State of dwellings.
(6.) Inspection of nuisances.
(7.) Insanitary condition of village of Eastoft.

DARLASTON URBAN DISTRICT.

(Staffordshire.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—July 19th and 20th, 1894. *Area.*—913 acres. *Population.*—(1891) 14,422. *Inhabited Houses.*—(1891) 2,903. *Rateable Value.*—(1894) 30,091*l.* *Industries.*—Iron works, coal mining, cycle making.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many houses in bad repair, eaves-spouting very defective; many courts and alleys in district; occasional overcrowding of persons.

Water Supply.—Almost universally obtained from works of South Staffordshire Water Company. Houses of poorer class supplied from stand-pipes; a few wells still in use.

Sewerage and Drainage.—District sewered throughout; arrangements for ventilation, flushing, and inspection of sewers apparently satisfactory;

sewage, after treatment with alumina and lime, is dealt with on land. House drainage chiefly by means of surface channels. Sewage nuisances abound throughout the district.

Excrement Disposal and Removal.—Large vault privies or midden privies of worst type almost universally in use; many privies so situate as to be a source of dangerous nuisance. Excrement removed by contractor under Sanitary Authority; scavenging very inefficiently performed.

Refuse Removal.—Generally removed with nightsoil. The removal of refuse by the contractor very inefficiently performed.

Registered Buildings and Trades.—

Common lodging-houses	None.	—	Dairies - - -	?	Not registered.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - - -		
			Bakehouses - -	?	Clean.
Slaughter-houses -	16	Well kept.	Offensive trades - -	1	Well kept.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very lax.

Date of Approval of Byelaws as to:—Scavenging, 1870; Nuisances, 1870; Common lodging-houses, none; New streets and buildings, 1870; Slaugher-houses, 1870; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; some houses purchased by Sanitary Authority and subsequently pulled down.

Medical Officer of Health.—Samuel Partridge, M.R.C.S., L.S.A. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Energetic.

Inspector of Nuisances.—Joseph Hingley. *Salary.*—80*l.* (with repayment).

Performance of Duties.—Industrious, but hindered by laxity of Sanitary Authority.

Repression of Nuisances.—Not satisfactory.

Isolation Hospital.—A dwelling-house purchased in 1885 used as a hospital, together with a tent recently provided; arrangements most unsatisfactory.

Disinfecting Apparatus.—Nelson's gas disinfector, not satisfactory.

Special Preparation for Cholera.—Some extra flushing of sewers and disinfection of privies carried out in 1892–93.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on August 11th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Sewerage and drainage.
(4.) Privy construction.
(5.) Excrement and refuse removal.
(6.) Nuisances.
(7.) Condition of dwellings.
(8.) Slaughter-houses.
(9.) Dairies, cowsheds, and milkshops.
(10.) Byelaws.

DAWLISH URBAN DISTRICT.

(Devonshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—May 8th–10th, 1894. *Area.*—1,500 acres. *Population.*—(1891) 4,210. *Inhabited Houses.*—(1891) 869. *Rateable Value.*—(1894) 21,993*l.* *Industries.*—Seaside resort; lodging-house keeping.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Some of the dwellings of the poor built with mud and straw walls, and some without proper means of through ventilation; some crowding of dwellings in courts; occasional overcrowding of persons in houses.

Water Supply.—Public supply obtained from a mountain stream, and from adits driven into a hillside near the filter-beds; water filtered through sand and gravel; supply constant and usually sufficient in quantity; water apparently of good quality. Some houses still supplied with water from wells so situate as to be liable to pollution.

Sewerage and Drainage.—Sewered throughout in piecemeal fashion; outfall into sea below low-water mark; sewers inadequately ventilated; flushing effected by turning in water from a brook.

House drainage frequently unsatisfactory; many sink wastes communicate directly with sewers, and soil pipes are often carried down inside houses, and are unventilated or imperfectly ventilated.

Excrement Disposal and Removal.—Almost universally by means of waterclosets; many of imperfect construction; some hand-flushed. There are a few privies still in existence.

Refuse Removal.—The refuse is placed in tubs or other receptacles at fixed hours, and then collected daily by Sanitary Authority's scavengers.

Registered Buildings and Trades:—

Common lodging-houses	1	Clean and well kept.	Dairies - - -	14	Fair.
Houses let in lodgings -	None registered.		Cowsheds - -		
Slaughter-houses -	5	Byelaws not properly enforced.	Milkshops - - -		
			Bakehouses - -	10	Indifferent.
			Offensive trades - -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax.

Date of Approval of Byelaws as to:—Scavenging, 1860; Nuisances, 1860; Common lodging-houses, 1860; New streets and buildings, 1860 and 1867; Slaughter-houses, 1860; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—W. Harvey, F.R.C.S., L.S.A. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—J. S. Delbridge. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fairly well carried out.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Leaflet giving precautions against cholera distributed throughout district.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on October 17th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) House-to-house inspection.
(3.) Water supply.
(4.) Sewerage.
(5.) House drainage.
(6.) Insanitary dwellings.
(7.) Action in regard to nuisances.
(8.) Byelaws.
(9.) Slaughter-houses.

DEAL BOROUGH.

(Kent.)

Inspector.—Dr. Theodore Thomson. *Date of Inspection.*—June 1st and 2nd, 1893. *Area.*—1,111 acres. *Population.*—(1891) 8,891. *Inhabited Houses.*—(1891) 1,946. *Rateable Value.*—(1892) 31,000*l.* *Industries.*—Seaside resort; fishing trade.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many of the houses damp, ill-ventilated, and unfit for habitation; some crowding of houses on area; no over-overcrowding of persons observed.

Water Supply.—Chiefly from works of a private company, water obtained from well 115 feet deep sunk in Chalk, about 1½ miles from centre of Deal; not filtered; supply intermittent, usually only turned on from 6 a.m. to 1 p.m. Many houses in Upper and Middle Deal obtain water from local wells, which, from their position and structure, are liable to surface and subsoil contamination.

Sewerage and Drainage.—Greater portion of Deal sewered with outfalls into sea, about 300 yards below high-water mark; flushing and ventilation arrangements very unsatisfactory; Upper and Middle Deal (population about 1,000) not sewered; drainage into cesspools. House drainage unsatisfactory; in not a few instances disconnexion of interior of houses from drains, and of drains from sewers, not provided; soil pipes frequently unventilated.

Excrement Disposal and Removal.—Three methods in use: (*a.*) Water-closets, mostly of long hopper type, and frequently hand-flushed. (*b.*) Privy middens (a few only) of bad type, which are emptied twice or thrice a year. (*c.*) Tub or pail closets—general in poorer parts of town; scavenging by eight contractors, each with a district of his own, scavenging apparently irregularly and inefficiently performed as a rule.

Refuse Removal.—House refuse stored in various receptacles, and supposed to be emptied twice a week by contractors, but apparently the work is done irregularly and inefficiently.

Registered Buildings and Trades:—

Common lodging-houses	3	Indifferent.	Dairies - - -	?	In several instances structurally defective and not cleanly kept.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - - -		
Slaughter-houses -	13	Unsatisfactory.	Bakehouses - -	?	Fair.
			Offensive trades - -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax.
Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1893; Common lodging-houses, 1893; New streets and buildings, 1893; Slaughter-houses, 1893; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1890.
(*d.*) Housing of the Working Classes Act, 1890. Notices served in three instances, in accordance with Schedule IV., Form A., and complied with.
Medical Officer of Health.—Alexander Bruce Payne, L.R.C.P., M.R.C.S. *Salary.*—40*l.* (without repayment). *Performance of Duties.*—Energetic, but hampered by the Sanitary Authority.
Inspector of Nuisances.—Robert Wilkins Redman. *Salary.*—15*l.* (without repayment). *Performance of Duties.*—Unsatisfactory.
Repression of Nuisances.—Not satisfactory.
Isolation Hospital.—None.
Disinfecting Apparatus.—Goddard and Massey's Steam Disinfecting Chamber provided.
Special Preparation for Cholera.—None made.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Thomson on June 8th, 1893, when formal recommendations were made as regards the following matters:—
(1.) Water supply.
(2.) Isolation provision.
(3.) Excrement and refuse disposal.
(4.) Scavenging.
(5.) Sewerage and drainage.
(6.) Action in regard to nuisances.
(7.) Dairies, cowsheds, and milkshops.

DONCASTER BOROUGH.

(Yorkshire, W.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—March 9th, 1894. *Area.*—1,691 acres. *Population.*—(1891) 25,933. *Inhabited Houses.*—(1891) 5,396. *Rateable Value.* — (1894) 128,241*l.* *Industries.* — Railway engineering works, farming, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—In the central portions of the town, and at Marshgate, many houses are dilapidated, damp, dark, and ill-ventilated; much crowding of houses upon area in the central portions of the town; many courts, alleys, and back-to-back houses; not much overcrowding of persons in houses.
Water Supply.—Public supply obtained from three sources, (*a.*) gathering ground of arable and pasture land near Ravenfield; (*b.*) a Millstone Grit quarry at Ravenfield; (*c.*) a bore 60 feet deep, situated 30 yards from the bank of the River Don at Warmsworth; filtration effected through gravel and sand of water from sources (*a.*) and (*b.*); water from source (*c.*) not filtered; supply usually constant, but in times of drought intermittent; quality of water obtained from source (*a.*) not satisfactory.

Sewerage and Drainage.—Sewered throughout; ventilation effected by surface gratings in streets, and by pipes carried up sides of houses; automatic flushing tanks in use for flushing main sower; subsidiary sewors flushed by special water-carts; sewago disposed of by irrigation on two sewage farms, 287 and 140 acres in extent respectively. House drains generally disconnected.

Excrement Disposal and Removal.—Partly by waterclosets (1,800), and partly by midden privies (2,032); waterclosets of good type, and provided with separate flush-out cisterns. Midden privies in newer parts of town woll constructed; in older parts, however, many of bad type still in existence. Middens emptied by Authority's own scavengers on an average thrice a year.

Refuse Removal.—Houses having waterclosets are provided with ashpits which are emptied as a rule thrice a year, the contents being used for filling ditches, &c. in neighbourhood of town.

Registered Buildings and Trades:—

Common lodging-houses	10	Very unsatisfactory.	Dairies - - -	47	Frequently very unsatisfactory.
			Cowsheds - -		
			Milkshops - - -		
Houses let in lodgings -	None registered.		Bakehouses - -	18	Good condition.
Slaughter-houses -	5	Fair.	Offensive trades - -	2	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improving during late years, but much remains to be done.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1886; Common lodging-houses, 1883; New streets and buildings, 1893; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted, 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted, 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II. and III. adopted 1891.
(*d.*) Houses of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—J. Mitchell Wilson, M.D., D.P.H. *Salary.*—100*l.* (without repayment). *Performance of Duties.*—Active and energetic.

Inspector of Nuisances.—John Thompson. *Salary.*—140*l.* (without repayment.) *Performance of Duties.*—Active.

Repression of Nuisances.—Fairly efficient.

Isolation Hospital.—An old dilapidated house used for isolation of small-pox; not suitable for purpose. Temporary wooden building erected in 1892 for isolation of cholera, but used only for reception of families of persons suffering from small-pox.

Disinfecting Apparatus.—Steam disinfecting apparatus provided.

Special Preparation for Cholera.—In 1892 temporary cholera hospital provided. During 1892 and 1893 increased attention given to scavenging, flushing of drains, cleanliness of yards, &c. Notices issued to masters of canal boats directing them to report all cases of illness.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on May 11th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Excrement disposal.
(4.) Condition of dwellings.
(5.) Common lo lging-houses.
(6.) Dairies, cowsheds, and milkshops.

DRIGHLINGTON URBAN DISTRICT

(Yorkshire, W.R.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—August 10th, 1894. *Area.*—1,136 acres. *Population.*—(1891) 4,322. *Inhabited Houses.*—(1891) 976. *Rateable Value.*—(1894) 10,046*l.* *Industries.*—Coal mining; worsted, woollen, and shoddy manufactures.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many old houses dilapidated and damp; the newest houses are unprovided with damp-proof courses; no crowding of dwellings upon area; apparently no overcrowding of persons.

Water Supply.—Whole district supplied from the Bradford Corporation Waterworks (high level supply).

Sewerage and Drainage.—No scheme of sewerage; some lengths of sewer laid in some of the main roads, but many properties drain into highway stone drains, or into open ditches; all sewage at present passed untreated into watercourses, tributaries of the River Aire. House drainage exceedingly bad; majority of yard gullies untrapped; many sink wastes passed directly into drains.

Excrement Disposal and Removal.—Privy middens of worst type in general use, and a dangerous source of nuisance. Scavenging left to occupiers, and much neglected. Over-full middens observed frequently; one midden at date of inspection, contained upwards of 40 loads of nightsoil and refuse.

Refuse Removal.—House refuse disposed of in privy middens.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	20	Dark, dirty, and confined.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - - -		
			Bakehouses - -	None.	—
Slaughter-houses -	6	Paving and drainage bad.	Offensive trades - -	1	Indifferent.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very inactive.

Date of Approval of Byelaws as to:—Scavenging, 1867; Nuisances, 1867; Common lodging-houses, none; New streets and buildings, 1867; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Robert Forsyth, M.D. *Salary.*—25*l.* (with repayment). *Performance of Duties.*—Has given good advice, but it has not been adopted by Sanitary Authority.

Inspector of Nuisances.—Richard Thornton. *Salary.*—25*l.* (with repayment). *Performance of Duties.*—Work much neglected, but even when nuisance reported, no action taken by Sanitary Authority.

Repression of Nuisances.—Very inefficient.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on August 31st, 1894, when formal recommendations were made as regards the following matters :—

(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) Disposal of sewage.
(5.) House drainage.
(6.) Houses unfit for habitation.
(7.) Nuisances.
(8.) Byelaws.
(9.) Dairies, cowsheds, and milkshops.

DRONFIELD URBAN DISTRICT.

(Derbyshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—23rd May 1894. *Area.*—1,046 acres. *Population.*—(1891) 3,438. *Inhabited Houses.*—(1891) 733. *Rateable Value.*—(1894) 10,346*l.* *Industries.*—Coal mining; iron implement works.

A.—Sanitary Circumstances.

Dwellings of the Poor. — Dwellings generally clean and airy; no crowding of dwellings upon area; apparently no overcrowding of persons.

Water Supply.—Public supply obtained from a mountain gathering ground in the Derwent Valley; not filtered; supply constant and abundant; water apparently of good quality.

Sewerage and Drainage.—No system of sewerage, but scheme in preparation; sewage now conveyed in old rubble surface water drains untreated into the Dron. House drainage unsatisfactory; untrapped gullies common; sink wastes in some cases untrapped, and directly connected with drains.

Excrement Disposal and Removal.—Privy middens universal, chiefly of moderate size and roofed; some of old bad type still in existence.

Scavenging left to occupiers, and very badly performed; many overflowing middens observed at time of inspection.

Refuse Removal.—House refuse disposed of in privy middens; large accumulations observed.

Registered Buildings and Trades :—

Common lodging-houses	1	Fair.	Dairies - - -	?	Not registered or regulated; condition, bad.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - - -		
			Bakehouses - -	1	Fair.
Slaughter-houses -	5	Indifferent.	Offensive trades - -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very slow in action.

Date of Approval of Byelaws as to :—Scavenging, 1865; Nuisances, 1865; Common lodging-houses, 1893; New streets and buildings, 1873; Slaughter-houses, 1865; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1889.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1892.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Angus Macintosh, M.D. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Efficient.

Inspector of Nuisances.—John Samuel White. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Not quite satisfactory.

Repression of Nuisances.—Not efficiently dealt with.

Isolation Hospital.—Four four-roomed cottages recently purchased to serve as an isolation hospital. Building unfurnished at date of inspection.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on July 9th, 1894, when formal recommendations were made as regards the following matters :—

(1.) Excrement and refuse disposal.
(2.) Scavenging.
(3.) House drainage.
(4.) Dairies, cowsheds, and milkshops.
(5.) Byelaws.

DUDLEY COUNTY BOROUGH.

(Worcester.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—August 8th–11th, 1894. *Area.*—3,615 acres. *Population*—(1891) 45,740. *Inhabited Houses.*—(1891) 9,111. *Rateable Value.*—(1894) 106,326*l.* *Industries.*—Coal mining, iron working, chain and anchor making, bedstead manufacture, edged tool making.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair, as a rule, in Dudley, but some filthy and damp houses unfit for habitation in outlying parts; some crowding of dwellings upon area in older parts of town; occasional overcrowding of persons.

Water Supply.—Supply mainly obtained from the works of the South Staffordshire Water Company; supply constant, and water apparently of good quality. A number of houses in outlying parts still obtain water from wells liable to pollution.

Sewerage and Drainage.—Dudley and Kates Hill sewered throughout; sewers ventilated by surface gratings and by pipes up sides of houses; flushing effected by means of specially-constructed cart; sewage disposed of by irrigation upon land. No system of sewerage at Netherton or Woodside. House drains, as a rule, disconnected from sewer. At Netherton and Woodside drainage effected by surface channels.

Excrement Disposal and Removal.—Chiefly by midden privies of bad type; about five per cent. of dwellings stated to be provided with waterclosets. Midden contents removed by contractors in an irregular and inefficient manner to a large tip situate within the Borough.

Refuse Removal.—Refuse other than nightsoil removed by contractors to tips situate in various parts of district. Work inefficiently performed.

Registered Buildings and Trades :—

Common lodging-houses	14	Fair.	Dairies - - -	123	Not satisfactory.
			Cowsheds - -		
			Milkshops - - -		
Houses let in lodgings -	None registered.		Bakehouses - -	?	Fair.
			Offensive trades - -	1	(Tallow boiler) unsatisfactory.
Slaughter-houses -	24	Fair as a rule.			

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fair on the whole, but much work yet to be done.

Date of Approval of Byelaws as to:—Scavenging, 1868; Nuisances, 1868; Common lodging-houses, 1868; New streets and buildings, 1868; Slaughter-houses, 1868; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1886.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.

(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.

(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1891, Part IV. adopted 1892.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Daniel Timmins, M.R.C.S., L.S.A. *Salary.*—100*l.* (without repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—Charles Pargeter. *Salary.*—100*l.* (without repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fair, except as regards recurrent privy nuisances.

Isolation Hospital.—Three blocks of buildings erected on a pit mound, together with a tent, serve as an infectious diseases hospital. Arrangements thoroughly bad and inadequate. Accommodation for six patients only, used for isolation of 23 small-pox patients.

Disinfecting Apparatus.—Hot-air chamber only.

Special Preparation for Cholera.—"Disinfectants" more freely used as a precaution against cholera.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on 27th September 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation hospital.
(2.) Water supply.
(3.) Sewerage and house drainage.
(4.) Privy construction.
(5.) Refuse removal.
(6.) Condition of dwellings.
(7.) Inspection of nuisances.
(8.) Byelaws.

DURHAM CITY AND BOROUGH.

(Durham.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—June 1st, 1894. *Area.*—880 acres. *Population.*—(1891) 14,863. *Inhabited Houses.*—(1891) 2,625. *Rateable Value.*—(1893) 47,878*l.* *Industries.*—General trading and shopkeeping, carpet manufactures, engineering and carriage works, coal mining.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Very unsatisfactory and unwholesome in older parts of the City; crowding of dwellings and other conditions impeding free circulation of air about dwellings prevail extensively; overcrowding of persons in houses exceptionally common.

Water Supply.—Supply obtained from the works of the Sheldon and Weardale Water Company. Supply derived from moorland gathering ground; constant, and apparently of good quality.

Sewerage and Drainage.—No system of sewerage; as a rule each block of houses separately drained into the River Wear; sewers have been constructed in main streets, but these apparently receive little sewage; these main sewers are ventilated by surface gratings and pipes up side of houses; the short sewers are unprovided with means for ventilation or flushing. House drainage extremely defective.

Excrement Disposal and Removal.—Midden privies of worst type all but universal; very often abutting upon dwelling-houses, and source of great and dangerous nuisance. Middens scavenged once a month by Sanitary Authority's scavengers, contents nearly always thrown in street before being carted away.

Refuse Removal.—House refuse disposed of in privy middens, and removed with nightsoil.

Registered Buildings and Trades:—

Common lodging-houses	5	Condition extremely bad.	Dairies - - -	20	Fair.
			Cowsheds - -		
Houses let in lodgings -	None registered.		Milkshops - - -		
			Bakehouses - -	—	—
Slaughter-houses -	25	Fair.	Offensive trades - -	—	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very defective and inefficient.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, 1886; New streets and buildings, 1886; Slaughter-houses, 1886; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1893.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., and V. adopted 1893.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Alfred Mason Vann, M.R.C.S., L.S.A. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Efficient.

Inspector of Nuisances.—James Coldwell. *Salary.*—100*l.* (with repayment). *Performance of Duties.*—Fair, but not supported effectively by Sanitary Authority.

Repression of Nuisances.—Very defective.

Isolation Hospital.—An iron hospital in course of erection at date of inspection; arrangements unsatisfactory.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Nothing beyond a special inspection of the common lodging-houses in 1893.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on August 17th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Sewerage.
(2.) House drainage.
(3.) Excrement disposal.
(4.) Condition of dwellings.
(5.) Common lodging-houses.
(6.) Action in regard to nuisances.

EAST RETFORD BOROUGH.

(NOTTINGHAMSHIRE.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—February 20th, 1894. *Area.*—4,660 acres. *Population.*—(1891) 10,603. *Inhabited Houses.*—(1891) 2,262. *Rateable Value.*—(1894) 42,647*l.* *Industries.*—Agriculture, india-rubber works, iron founding, paper making, brewing, malting, and tanning.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many very defective; considerable proportion dilapidated, dirty, damp, and with dangerous nuisances about them; many "lanes," courts, and yards; occasional overcrowding of persons.

Water Supply.—Three sources of supply: (*a*) Public, derived from two bores, 250 feet in depth, sunk in the New Red Sandstone, unfiltered, constant, and apparently of good quality; (*b*) outlying villages supplied from surface wells, most of which so situate as to be liable to dangerous pollution; (*c*) many of larger houses supplied from private artesian wells.

Sewerage and Drainage.—No system of sewerage; slop-water for most part discharged into surface channels, from which it either finds its way into roadside channels, and thus into highway drains, or is discharged into gullies connected with small sewers having their outfalls into nearest watercourse; sewage untreated; house drains chiefly consist of surface channels.

Excrement Disposal and Removal.—Chiefly in pail privies, the pails removed at weekly intervals by Authority's scavenger; there are also a number of midden privies and waterclosets. Middens emptied at irregular intervals, when full; waterclosets discharge into cesspools, which are connected by overflow pipes to the "drains."

Refuse Removal.—House refuse stored in tubs or ashpits, and removed by scavengers at regular intervals.

Registered Buildings and Trades:—

Common lodging-houses	5	Bad condition, unregulated.	Dairies - - -	30	Chiefly bad condition.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - - -		
			Bakehouses - -	14	Fair.
Slaughter-houses -	?	Indifferent.	Offensive trades - -	?	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Formerly very inactive, but now showing some signs of improvement.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1866; Common lodging-houses, none; New street and buildings, 1866; Slaughter-houses, 1866; Offensive trades, none.

Regulation as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Diseases (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., and III. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Walter Spencer, L.R.C.P., L.R.C.S. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Very efficient.

Inspector of Nuisances.—J. D. Kennedy. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—Active and energetic.

Repression of Nuisances.—Fairly efficient, except as regards nuisances arising from absence of efficient sewers.

Isolation Hospital.—An isolated farmhouse provided for isolation of infectious cases; not suitable for treatment of more than one disease at one time.

Disinfecting Apparatus.—Gas-oven provided; not satisfactory.

Special Preparation for Cholera.—"Hospital" put in readiness; hand-bills giving precautions issued; special inspection of district, and increased activity in scavenging, cleansing of courts and yards, drain flushing, &c.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on April 27th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Sewerage.
(4.) House drainage.
(5.) Common lodging-houses.
(6.) Dairies, cowsheds, and milkshops.
(7.) Byelaws.

ECCLES BOROUGH.

(Lancashire.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—November 5th, 1894. *Area.*—2,032 acres. *Population.*—(1891) 29,633. *Inhabited Houses.*—(1891) 5,944. *Rateable Value.*—(1894) 118,300*l.* *Industries.*—Cotton factories and iron works.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair on the whole; some back-to-back houses; a few narrow courts and yards; overcrowding of persons, occasional only.

Water Supply.—Obtained from the mains of the Manchester Corporation. Supply abundant, and apparently of excellent quality.

Sewerage and Drainage.—Sewered in piece-meal fashion; ventilation effected by roadway grids not sufficient in number; flushing not systematic; some sewers liable to deposit; outfall at time of inspection into watercourses, but sewage farm of 76 acres in preparation. House drainage fair, most soil pipes ventilated, and nearly all sink wastes disconnected.

Excrement Disposal and Removal.—Formerly universally by midden privies, these are now being replaced by waterclosets; at date of inspection there were 3,950 midden privies, 1,575 waterclosets, 251 slop-water closets and 103 pail closets in district. Midden privies emptied by Sanitary Authority about five times a year.

Refuse Removal.—House refuse dispesed of in middens, usually deep, uncovered, and close to houses, and frequently a source of nuisance; contents removed with nightsoil.

Registered Buildings and Trades:—

Common lodging-houses	2	Well kept.	Dairies - - -	53	Fair.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - - -		
			Bakehouses - -	?	Satisfactory.
Slaughter-houses -	16	Satisfactory.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improving, though still somewhat lax in such matters as excrement and refuse disposal, &c.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1894; Common lodging-houses, 1894; New streets and buildings, 1894; Slaughter-houses, 1894; Offensive trades, 1894.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted, 1893.
Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1893.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., and V. adopted 1893.
(*d.*) Housing of the Working Classes Act, 1890. Two houses dealt with in 1893.
Medical Officer of Health.—John Hedley Crocker, M.D., B.Ch., D.P.H. *Salary.*—100*l.* (without repayment). *Performance of Duties.*—New officer, efficient.
Inspector of Nuisances.—Carlos Laskey, Cert. San. Inst. *Salary.*—120*l.* (without repayment). *Performance of Duties.*—New officer, very good.
Repression of Nuisances.—Now efficiently dealt with—formerly much neglected.
Isolation Hospital.—Arrangement with Salford Corporation, whereby latter Authority bind themselves to reserve 20 beds for the use of patients from Eccles.
Disinfecting Apparatus.—Arrangement with Salford Corporation for use of their disinfecting station, which is situate on the boundary of Eccles.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority, held by Dr. Bruce Low on December 12th, 1894, when formal recommendations were made as regards the following matters :—
(1.) Excrement and refuse disposal.
(2.) Sewerage and drainage.
(3.) Condition of dwellings.

ECCLESHILL URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—July 26th and 27th, 1894. *Area.*—1,220 acres. *Population.*—(1891) 7,928. *Inhabited Houses.*—(1891) 1,803. *Rateable Value.*—(1894) 25,751*l.* *Industries.*—Woollen and worsted manufacture, stone quarries.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Considerable number of old, damp, dilapidated houses scattered throughout district; many back-to-back houses; apparently no overcrowding of persons in houses.
Water Supply.—Water obtained from works of Bradford Corporation (high-level supply). A few private wells still in use.
Sewerage and Drainage.—Sewered throughout in 1878–80; ventilation arrangements somewhat defective; no provision for flushing; sewage treated at two outfalls (*a*) on a farm of 120 acres, by broad irrigation; (*b*) on a piece of land 8½ acres in extent, where it is dealt with by alumino ferric process. House drainage very unsatisfactory; many yard drains untrapped; fall pipes passed direct into drains; many houses not yet connected with sewerage system.
Excrement Disposal and Removal.—Privy middens general, many large, open, deep, and unpaved; several observed situate against house walls. Middens emptied about once a month by Authority's scavengers.
Refuse Removal.—House refuse disposed of in middens, and removed with nightsoil once a month. No accumulations observed.

Registered Buildings and Trades:—

Common lodging-houses	None.	--	Milkshops	7	Indifferent.
Houses let in lodgings	None registered.		Bakehouses	2	Fair.
Slaughter-houses	4	Indifferent.	Offensive trades	1	(Size boiler) very offensive.
Dairies	--	--			
Cowsheds	25	Bad.			

B.—Sanitary Administration.

Administration by Sanitary Authority.—Recently more active.
Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter houses, none; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—John Pitney Aston, M.R.C.S., L.R.C.P. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Not much influence with the Sanitary Authority.
Inspector of Nuisances.—Joseph Jones, Cert. San. Inst. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Excellent.
Repression of Nuisances.—Now efficiently dealt with.
Isolation Hospital.—Provided in combination with Calverley, Idle, Farsley, and Pudsey Urban Districts; 28 beds, well arranged.
Disinfecting Apparatus.—Steam disinfecting apparatus provided at hospital.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on September 4th, 1894, when formal recommendations were made as regards the following matters:—
(1.) Excrement and refuse disposal.
(2.) House drainage.
(3.) Sewerage and sewage disposal.
(4.) Condition of dwellings.
(5.) Dairies, cowsheds, and milkshops.

ELY CITY AND URBAN DISTRICT.

(Cambridgeshire.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—July 10th, 1894. *Area.*—16,734 acres. *Population.*—(1891) 8,017. *Inhabited Houses.*—(1891) 1,726. *Rateable Value.*—(1894) 44,393*l.* *Industries.*—Agriculture, tanning, brewing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair as a rule, but a considerable number are dilapidated, damp, and dirty; no crowding of dwellings upon area; no noteworthy overcrowding of persons in houses.
Water Supply.—Public supply for the City of Ely and hamlet of Stuntney obtained from a bore in the Chalk, not filtered; supply constant, abundant, and of good quality. Water supply of village of

Priekwillow obtained from River Lark, which receives sewage of Bury St. Edmunds, whilst at hamlet of Queen Adelaide, water obtained from River Ouse at a point two miles below outfall of untreated sewage of Ely; outlying houses obtain water from wells.

Sewerage and Drainage.—Sewerage system of Ely constructed in 1855; sewer, very imperfectly constructed, and badly laid; much deposit; no provision for ventilation or flushing; outfall direct into River Ouse, a source of much nuisance. Outlying villages and hamlets unsewered. House drainage as a rule satisfactory.

Excrement Disposal and Removal.—Chiefly by means of waterclosets, hopper type, with separate flush-out cisterns. In outlying villages privy middens universal, scavenging of which left to occupiers.

Refuse Removal.—Ashes and house refuse stored in tubs and pails, and collected daily by contractors under Sanitary Authority. Refuse removal apparently efficiently performed.

Registered Buildings and Trades:—

Common lodging-houses	3	Good condition.	Dairies - - -	?	Not regulated.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - - -		
			Bakehouses - -	8	Fair.
Slaughter-houses -	8	Badly constructed and regulated.	Offensive trades - -	1	(Candle factory) fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Somewhat inactive and inefficient.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Spencer Clabon Harris, L.F.P.S.G. *Salary.*—31*l.* 10*s.* (without repayment). *Performance of Duties.*—Active and energetic.

Inspector of Nuisances.—William Mackelvie. *Salary.*—150*l.* (without repayment). *Performance of Duties.*—Not very satisfactory.

Repression of Nuisances.—Very inefficient.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Printed precautions against cholera issued in 1893.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on September 12th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Sewerage.
(4.) Condition of dwellings.
(5.) Byelaws.
(6.) Dairies, cowsheds, and milkshops.

EXETER CITY AND COUNTY BOROUGH.

Inspector.—Dr. H. T. Bulstrode. *Date of Inspection.*—July 18th, 1893. *Area.*—1,883 acres. *Population.*—(1891) 37,404. *Inhabited Houses.*—(1891) 7,006. *Rateable Value.*—(1893) 205,191*l.* *Industries.*—Trading centre for surrounding district; brass foundries, printing works, paper mills.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many dilapidated, ill-lighted, badly ventilated, and filthy houses in the older parts of the City; several houses closed recently; much crowding upon area in older part; many courts and alleys; some back-to-back houses; considerable overcrowding of persons in poorer parts of City.

Water Supply.—Public supply derived from the River Exe at a point above the junction of the Culme and the Exe; filtered through sand and gravel, at an average speed of 1,000 gallons per square yard, in 24 hours; supply constant; above the intake of the waterworks the Exe receives the untreated sewage of part of Tiverton and of the village of Thorverton.

Sewerage and Drainage.—Sewered many years ago; about 40 per cent. of old sewers have been replaced by modern structures, and work of replacement in progress; sewers very insufficiently ventilated; special flushing arrangements provided; sewage discharged untreated into the River Exe, where it gives rise to nuisance. Considerable improvements in recent years in house drainage, but the house drainage is still in a very unsatisfactory condition; in older parts of town aërial disconnexion very rare.

Excrement Disposal and Removal.—Chiefly by waterclosets, all of which are practically provided with separate cisterns; ventilation of soil pipes very defective; closets often placed in unsuitable positions, and accommodation in some cases insufficient.

Refuse Removal.—House refuse collected from once to thrice weekly, according to the character of the district; scavenging performed by Sanitary Authority's servants, apparently in a satisfactory manner.

Registered Buildings and Trades:—

Common lodging-houses	2	Indifferent.	Dairies - - -	23	Variable, some very good, others bad.
Houses let in lodgings -	318	Moderate.			
Slaughter-houses -	11	Public abatoir well kept, private slaughter-houses indifferent.	Cowsheds - -	6	Very bad.
			Milkshops - - -	74	Variable.
			Bakehouses - -	48	Variable.
			Offensive trades -	2	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Much improved during recent years.

*Date of Approval of Byelaws as to:—*Scavenging, none; Nuisances, 1892; Common lodging-houses, none; New streets and buildings, 1877; Slaughter-houses, 1868; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1889.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1890.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1890.
(*d.*) Housing of the Working Classes Act, 1890; some houses condemned under this Act.

Medical Officer of Health.—John Woodman, M.D., F.R.C.S. *Salary.*—25*l.* (without repayment); also three *Assistant Medical Officers of Health*, each receiving 25*l.* per annum. *Performance of Duties.*—Indifferent; no annual report issued.

Inspector of Nuisances.—W. J. G. Wreford, Cert. San. Inst. *Salary.*—180*l.* (without repayment). *Performance of Duties.*—Very efficient.

Repression of Nuisances.—Fairly well dealt with.

Isolation Hospital.—Hospital provided, consisting of two-ward blocks; one block, constructed of wood and cement, contains four wards; and the other, constructed of brick and stone, contains two wards; arrangements unsatisfactory, and wards apparently much overcrowded.

Disinfecting Apparatus.—Washington Lyons' steam disinfecting apparatus in City; hot-air apparatus at hospital.

Special Preparation for Cholera.—Extra men employed in flushing and cleansing sewers; limewash and brushes distributed to all requiring them; leaflets of precautions against cholera distributed; extra supervision of courts, alleys, slaughter-houses, &c.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bulstrode on January 9th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Sewerage and drainage.
(3.) Watercloset accommodation.
(4.) Common lodging-houses.
(5.) Byelaws.

FAVERSHAM BOROUGH.

(Kent.)

Inspector.—Dr. Theodore Thomson. *Date of Inspection.*—April 3rd, 1894. *Area.*—684 acres. *Population.*—(1891) 10,478. *Inhabited Houses.*—(1891) 2,187, *Rateable Value.*—(1894) 41,206*l.* *Industries.*—Cement works, timber yards, breweries, corn mills, gunpowder works, brick making.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair condition as a rule; some dilapidated and damp houses; little crowding of dwellings upon area; apparently no overcrowding of persons in houses.

Water Supply.—Almost universally obtained from works of the Faversham Water Company; water obtained from deep wells sunk in Chalk; unfiltered, constant supply. About 20 houses obtain water supply from local wells.

Sewerage and Drainage.—Great majority of houses within Borough drain into one or another of five systems of sewers, which all have their outfall in Faversham Creek; ventilation is either absent or very deficient; on one system there is a single flushing tank, elsewhere flushing is not resorted to; sewage discharged untreated into the Creek. About 50 per cent. of the house drains are not properly disconnected from the sewers; sinks and waste-pipes generally properly disconnected from house drains.

Excrement Disposal and Removal.—Chiefly by means of waterclosets; basins as a rule of long hopper type, and are flushed by hand in almost all instances where the watercloset is situate in the house yard. Some cess-pit privies still in existence.

Refuse Removal.—Refuse disposed of in movable receptacles, which are cleansed twice a week by a contractor working under the Inspector of Nuisances. Refuse removal apparently well performed.

Registered Buildings and Trades:—

Common lodging-houses	—	—	Milkshops	?	Fair.
Houses let in lodgings	None registered.		Bakehouses	22	Fair.
Slaughter-houses	17	Fair.	Offensive trades	1	(Fellmonger) fair.
Dairies		Fair.			
Cowsheds	7	Fair.			

B.—Sanitary Administration.

Administration by Sanitary Authority.—Bad in the past, improving recently.

Date of Approval of Byelaws as to :—Scavenging, none; Nuisances, 1891; Common lodging-houses, none; New streets and buildings, 1889; Slaughter-houses, 1891; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1890.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., III., and V. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Charles John Evers, M.D. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—Fairly energetic.

Inspector of Nuisances.—Edwin Pover. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Efficient.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—Hospital built of brick, consisting of administrative building, one ward block with two wards each 10 ft. × 13 ft. × 13 ft. and outbuildings; accommodation insufficient for needs of district.

Disinfecting Apparatus.—Scott's hot-air chamber provided at hospital.

Special Preparation for Cholera. — Special house-to-house inspection instituted in 1892; posters giving precautions against cholera issued in autumn 1892.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Thomson on April 26th, 1894, when formal recommendations were made as regards the following matters :—

(1.) Sewerage and excrement disposal.
(2.) Disinfecting apparatus.
(3.) Hospital accommodation.

FELLING URBAN DISTRICT.

(Durham.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—September 28–29, 1893. *Area.*—2,684 acres. *Population.*—(1891) 17,490. *Inhabited Houses.*—(1891) 2,710. *Rateable Value.*—(1894) 40,870*l.* *Industries.*—Coal mining, ship building, stone quarrying and chemical works.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many wretched hovels of one or two rooms only, damp, dilapidated, ill-ventilated, and dirty; little crowding of houses upon area; overcrowding of persons in houses occasional only.

Water Supply.—Chiefly obtained from the works of the Newcastle and Gateshead Water Company. At Heworth Colliery water is pumped from a drift 20 fathoms down the pit shaft.

Sewerage and Drainage.—Sewered throughout, sewers constructed at various times; ventilation effected by surface gratings; sewage discharged untreated into River Tyne. House drainage as a rule fairly satisfactory.

Excrement Disposal and Removal.—Midden privies of worst type all but universal; very often against dwelling-houses, and source of great and dangerous nuisance. Sanitary Authority undertake to empty middens for a fee of 10*d.* per load; arrangement most unsatisfactory; great accumulations of nightsoil and refuse observed.

Refuse Removal.—Removed with midden contents; final disposal of nightsoil and refuse extremely unsatisfactory; these matters being deposited at tips near dwellings, and in some instances used to fill up depressions in land afterwards built upon.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	30	Various; some good, others confined, ill-lighted, undrained, and filthy.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - - -		
			Bakehouses - -	2	Fair.
Slaughter-houses -	22	Fair.	Offensive trades - -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very lax.

Date of Approval of Byelaws as to:—Scavenging, 1869; Nuisances, 1869; Common lodging-houses, 1869; New streets and buildings, 1869; Slaughter-houses, 1869; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Michael Francis Kelly, L.F.P.S.G. *Salary.*—50*l.* (with repayment).

Performance of Duties.—Apparently does not take action unless attention drawn by complaint or by outbreak of infectious disease.

Inspector of Nuisances.—Alexander Purdie, Cert. San. Inst. *Salary.*—90*l.* (with repayment).

Performamce of Duties.—Active and intelligent, but far too much of his time taken up with work in connexion with the removal of refuse.

Repression of Nuisances.—Not efficiently dealt with.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Handbill giving precautions against cholera issued in 1892.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on November 7th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) Houses unfit for habitation.
(5.) Dairies, cowsheds, and milkshops.
(6.) Byelaws.

FENTON URBAN DISTRICT.

(Staffordshire.)

Inspector.—Dr. R. D. R. Sweeting. *Date of Inspection.*—January 26th, 1894. *Area.*—1,599 acres. *Population.*—(1891) 16,998. *Inhabited Houses.*—(1891) 3,193. *Rateable Value.*—(1894) 56,243*l.* *Industries.*—Potteries, collieries, a few ironworks and brick works.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Much improved during recent years; many unpaved yards; no marked crowding of houses upon area; overcrowding of persons occasional only.

Water Supply.—Universally obtained from the works of the North Staffordshire Water Company. Water ample in quantity, and apparently of good quality.

Sewerage and Drainage.—Sewered throughout; ventilation of some of older sewers inadequate; flushing carried out at the manholes from tank carts; sewage disposed of by irrigation on sewage farm. House drainage fair on the whole; some untrapped and defective yard gullies still to be found in old property.

Excrement Disposal and Removal.—Chiefly by privy cesspits, large and often leaky; these are being gradually replaced by either water-closets, provided with separate flushing tanks, or by waste-water closets. The Sanitary Authority undertakes the periodical scavenging of the cesspits.

Refuse Removal.—House refuse deposited in open ashpits of large size in older parts of town—covered ashpits provided in newer parts; many overflowing ashpits and accumulations of refuse observed at time of inspection. Ashpits scavenged by Sanitary Authority.

Registered Buildings and Trades:—

Common lodging-houses	—	—	Dairies	13	Very fair.
Houses let in lodgings	None registered.		Cowsheds	13	
Slaughter-houses	9	Fair.	Milkshops	28	Satisfactory.
			Bakehouses	30	—
			Offensive trades	—	

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improving.

Date of Approval of Byelaws as to:—Scavenging, 1875; Nuisances, 1875; Common lodging-houses, 1875; New streets and buildings, 1875; Slaughter-houses, 1875; Offensive trades; none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.

(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.

(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., and III. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890.—Action taken with respect to five houses. Closing orders obtained in two, and three houses voluntarily closed.

Medical Officer of Health.—Alfred V. Griffiths, M.R.C.S., L.S.A. *Salary.*—40*l.* (without repayment). *Performance of Duties.*—Unsatisfactory.

Inspector of Nuisances.—Samuel A. Goodall, Cert. San. Inst. *Salary.*—230*l.* (without repayment). *Performance of Duties.*—Excellent (also acts as surveyor).

Repression of Nuisances.—Very efficient.

Isolation Hospital.—Provided in combination with Hanley and Stoke Urban Authority, 50 beds.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Handbills giving precautions against cholera issued in 1892.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Sweeting on April 20th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement disposal.
(2.) Refuse disposal and removal.
(3.) Sewerage and drainage.
(4.) Yards and open spaces.
(5.) Byelaws.
(6.) Disinfecting apparatus.

FILEY URBAN DISTRICT.

(Yorkshire, E.R.)

Inspector.—Mr. T. W. Thompson. *Date of Inspection.*—August 1st, 1893. *Area.*—832 acres. *Population.*—(1891) 2,481. *Inhabited Houses.*—(1891) 564. *Rateable Value.*—(1893) 10,500*l.* *Industries.*—Seaside resort; fishing, and lodging-house keeping.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Some of the older houses very unsatisfactory, and apparently unfit for habitation; some crowding of houses upon area; apparently no overcrowding of persons in houses.

Water Supply.—Chiefly from the works of the Filey Gas and Water Company; water obtained from a well sunk to depth of 400 feet in Magnesian Limestone, near the railway station, filtered through sand and gravel; supply constant, and apparently of good quality. A few houses still obtain water from wells or springs.

Sewerage and Drainage.—Sewered in 1856 and extended with growth of town; ventilation very inadequate; flushing effected by means of a flushing tank two or three times in summer; two outfalls on beach, one at low-water mark and the other between high and low-water mark; outfall sewer defective, and source of nuisance at date of inspection. House drainage fairly satisfactory.

Excrement Disposal and Removal.—Waterclosets in better class houses; privy middens and pail-closets in about equal proportions in poorer class houses; middens and pails scavenged by contract under Sanitary Authority, and said to be emptied once in 10 days; evidence of considerable neglect in scavenging observed at time of inspection.

Refuse Removal.—House refuse stored in ashpits where houses provided with waterclosets; ashpits scavenged about every 10 days.

Registered Buildings and Trades :—

Common lodging-houses	None.	—	Cowsheds - -	8	Unsatisfactory.
Houses let in lodgings -	None registered.				
Slaughter-houses -	7	Fair.	Milkshops - - -	1	Fair.
Dairies - - -	6	Unsatisfactory.	Bakehouses - -	2	Fair.
			Offensive trades - -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Unsatisfactory.

Date of Approval of Byelaws as to :—Scavenging, 1868; Nuisances, 1868; Common lodging-houses, 1868; New streets and buildings, 1868; Slaughter-houses, 1868; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1887.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Hugh Orr, L.R.C.P. and L.R.C.S.E. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Has given good advice.

Inspector of Nuisances.—Richard Jesse Stevenson. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Works hard, but has not much knowledge of his duties.

Repression of Nuisances.—No action considered necessary to prevent "recurring" nuisances.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Extra vigilance said to have been exercised as to the general cleanliness of the town, but no other measure taken.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Mr. Thompson on September 15th, 1893, when formal recommendations were made as regards the following matters:—

(1.) House-to-house inspection.
(2.) Infectious Disease (Notification) Act, 1889.
(3.) Isolation provision.
(4.) Sewerage.
(5.) Excrement and refuse removed.
(6.) Nuisances.
(7.) Condition of dwellings.
(8.) Byelaws.

GAINSBOROUGH URBAN DISTRICT.

(Lincolnshire.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—December 18th–20th, 1893. *Area.*—846 acres *Population.*—(1891) 14,372. *Inhabited Houses.*—(1891) 2,932. *Rateable Value.*—(1893) 56,910*l.* *Industries.*—Manufacture of agricultural implements.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Very unsatisfactory; many old, dilapidated, badly lighted, ill-ventilated, and filthy dwellings unfit for habitation; dense crowding of houses upon area in older parts of town; overcrowding of persons in houses occasional.

Water Supply.—Public supply obtained from a deep boring in the Sandstone, filtered through sand and gravel; supply constant, and stated to be of good quality. Duplicate pumping machinery, however, not provided, and in case of breakdown the River Trent resorted to.

Sewerage and Drainage.—Sewered throughout; sewers unventilated, no means provided for efficient flushing; sewage discharged untreated into River Trent, and is then a source of nuisance. House drains, as a rule, aërially disconnected from sewer.

Excrement Disposal and Removal.—Chiefly by privy middens of extremely bad type; middens supposed to be emptied by contractors at weekly intervals, but scavenging is disgracefully neglected, and privy nuisances abound. Privy accommodation is in many cases inadequate.

Refuse Removal.—Removed with midden contents at irregular intervals. Middens usually not emptied until "full," at which time they usually contain many cartloads of filth and refuse.

Registered Buildings and Trades:—

Common lodging-houses	4	Bad.	Milkshops - - -	4	Indifferent.
Houses let in lodgings -	None registered.		Bakehouses - -	?	Indifferent.
Slaughter-houses -	17	Bad.	Offensive trades - -	1	(Tallow melter) very bad.
Dairies - - -	20	Require more supervision.			
Cowsheds - -					

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inefficient.

*Date of Approval of Byelaws as to:—*Scavenging, none; Nuisances, 1889; Common lodging-houses, 1889; New streets and buildings, 1882; Slaughter-houses, 1889; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Draper Mackinder, M.D., F.R.C.S. *Salary.*—20*l.* (without repayment). *Performance of Duties.*—Zealous and would be efficient with an active Sanitary Authority.

Inspector of Nuisances.—Frederick Penny. *Salary.*—40*l.* (without repayment). *Performance of Duties.*—Inefficient.

Repression of Nuisances.—Inefficient.

Isolation Hospital.—Hospital provided consisting of administrative block and two ward pavilions built of brick, and a temporary wooden ward block; apparently only used for isolation of small-pox.

Disinfecting Apparatus.—A useless gas apparatus at hospital.

Special Preparation for Cholera.—Drains regularly flushed and yards inspected.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on January 21st 1894, when formal recommendations were made as regards the following matters:—

(1.) Sewerage.
(2.) House drainage.
(3.) Excrement disposal.
(4.) Inspection of nuisances.
(5.) Condition of dwellings.
(6.) Cowsheds, dairies, and milkshops.
(7.) Byelaws.

GILDERSOME URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—June 19th, 1894. *Area.*—993 acres. *Population.*—(1891) 3,175. *Inhabited Houses.*—(1891) 726. *Rateable Value.*—(1893) 7,971*l.* *Industries.*—Coal mining, woollen manufacture, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Considerable number of back-to-back and of filthy houses; little crowding of houses upon area; some overcrowding of persons in houses.

Water Supply.—Obtained from works of Morley Corporation; water obtained from moorland gathering ground; unfiltered, constant; many cases of lead poisoning.

Sewerage and Drainage.—Greater part of district sewered; sewers inadequately ventilated; no means for flushing provided; sewage discharged, untreated, into watercourses. Several collections of houses unsewered; in these cases sewage is passed direct into nearest watercourse. House drains, as a rule, properly disconnected; work in progress at time of inspection.

Excrement Disposal and Removal.—Midden privies of worst type, very foul, and containing enormous accumulations of filth. Scavenging left to owners and occupiers of houses, and grossly neglected.

Refuse Removal.—Disposed of in privy middens. Accumulations of filth and refuse in midden privies a marked feature of the district.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	22	Fair.
			Cowsheds - -		
Houses let in lodgings -	None registered.		Milkshops - - -		
			Bakehouses - -	None.	—
Slaughter-houses -	4	Fair.	Offensive trades - -	1	(Manure factory) bad.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very defective.

Date of Approval of Byelaws as to :—Scavenging, none; Nuisances, 1886; Common lodging-houses, 1886; New streets and buildings, 1886; Slaughter-houses, 1886; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1894.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—John Barry Brereton, L.R.C.P.I. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Efficient.

Inspector of Nuisances.—John Naylor. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Unsatisfactory.

Repression of Nuisances.—Very defective.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on July 20th, 1894, when formal recommendations were made as regards the following matters :—

(1.) Isolation provision.
(2.) Excrement disposal.
(3.) Sewerage and house drainage.
(4.) Condition of dwellings.

GODMANCHESTER BOROUGH.

(Huntingdonshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—June 12th–13th, 1893. *Area.*—4,907 acres. *Population.*—(1891) 2,095. *Inhabited Houses.*—(1891) 513. *Rateable Value.*—(1893) 14,409*l.* *Industries.*—Agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair as a rule; no crowding of houses upon area; no overcrowding of persons in houses.

Water Supply.—Shallow wells sunk in the gravel, often in dangerous proximity to faulty slop-water drains.

Sewerage and Drainage.—Sewered throughout; sewers practically unventilated; adequate arrangements for flushing; sewage discharged untreated into dyke communicating with River Ouse. House drainage very unsatisfactory; gullies and drains both badly constructed, with open joints, leading to soakage of subsoil from whence water supply is drawn.

Excrement Disposal and Removal.—Almost exclusively by pail closets, well constructed; scavenged by Sanitary Authority twice a week.

Refuse Removal.—House refuse frequently removed, but not at regular intervals, and at date of inspection some large accumulations were observed.

Registered Buildings and Trades :—

Common lodging-houses	2	Very good.	Dairies - - -	27	Badly inspected, condition unsatisfactory.
			Cowsheds - -		
Houses let in lodgings -	None registered.		Milkshops - - -		
			Bakehouses - -	4	Fair.
Slaughter-houses -	3	Indifferent.	Offensive trades - -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improved of late years.
Date of Approval of Byelaws as to :—Scavenging, 1853; Nuisances, none; Common lodging-houses, 1853; New streets and buildings, none; Slaughter-houses, 1853; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—Herbert Lucas, M.R.C.S. *Salary.*—22*l.* (with repayment). *Performance of Duties.*—Fair.
Inspector of Nuisances.—Charles Mayfield. *Salary.*—22*l.* (with repayment). *Performance of Duties.*—Fair.
Repression of Nuisances.—Fair, except as regards paving and drainage of yards.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on July 4th, 1893, when formal recommendations were made as regards the following matters :—
(1.) Water supply.
(2.) Isolation provision.
(3.) Excrement disposal.
(4.) House drainage.
(5.) Byelaws.

GRAVESEND BOROUGH.

(Kent.)

Inspector.—Dr. Theodore Thomson. *Date of Inspection.*—October 25th and 26th, 1893. *Area.*—1,256 acres. *Population.*—(1891) 23,876. *Inhabited Houses.*—(1891) 4,186. *Rateable Value.*—(1893) 103,531*l.* *Industries.*—Riverside occupations and market gardening.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Unsatisfactory; very many old dilapidated houses, some even in dangerous condition, while damp walls and leaky roofs are numerous; in lower parts of town there are instances of crowding of dwellings upon area, some back-to-back houses; yards in some instances irregularly paved; apparently little overcrowding of persons in houses.
Water Supply.—Obtained from works of private company, and derived from deep wells and headings in the Chalk; unfiltered; supply intermittent; water distributed for two hours in forenoon and two hours in afternoon.
Sewerage and Drainage.—Considerable portion of district unsewered; slop and surface water, as well as excreta, draining into large cesspools; lower part of town sewered; ventilation of sewers imperfect; flushing said to be done thrice weekly; sewage discharged untreated into Thames. House drains, when underground, not infrequently structurally defective and unventilated; in many instances slops conveyed in surface channels; sink and bath wastes usually properly disconnected.

Excrement Disposal and Removal.—Chiefly by waterclosets; prevailing type of pan in out-door closets is the long hopper, hand-flushed and foul; pails also in use to a less degree. Removal of excrement contracted for, but indifferently carried out.

Refuse Removal.—Stored in receptacles, often uncovered, and usually fixed; removal contracted for and indifferently carried out.

Registered Buildings and Trades:—

Common lodging-houses	10	Fair.	Cowsheds - -	12	Fairly clean; some structural defects.
Houses let in lodgings -	4	Fair.	Milkshops - - -	99	Fairly clean.
Slaughter-houses -	15	Clean, some structural defects.	Bakehouses - ..	41	Fairly clean; 24 underground.
Dairies - - -	—	—	Offensive trades -	3	(Tallow melters) fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax in many respects.

*Date of Approval of Byelaws as to:—*Scavenging, none; Nuisances, 1893; Common lodging-houses, 1893; New streets and buildings, 1893; Slaughter-houses, 1893; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted, 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., and V. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—James Henry Gramshaw, M.D., F.R.C.S. *Salary.*—100*l.* (with repayment). *Performance of Duties.*—Not satisfactory.

Inspector of Nuisances.—Arthur Leckes, Cert. San. Inst. *Salary.*—180*l.* (with repayment). *Performance of Duties.*—Not very satisfactory.

Repression of Nuisances.—Not satisfactory.

Isolation Hospital.—Provided at a distance of about 2 miles from most thickly populated centre, access obtained by steep and difficult roads; temporary provision for small-pox also made.

Disinfecting Apparatus.—None; arrangement made for use when required of London Port Sanitary Authority's disinfecting apparatus.

Special Preparation for Cholera.—Special attention paid to cleanliness, of courts and alleys, and to removal of house and trade refuse. Handbills giving precautions against cholera also issued.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Thomson on December 1st, 1893, when formal recommendations were made as regards the following matters:—

(1.) Sewerage and drainage.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) Courts and insanitary dwellings.
(5.) Action in regard to nuisances.

GRAYS THURROCK URBAN DISTRICT.

(Essex.)

Inspector.—Dr. T. Horne. *Date of Inspection.*—June 27th–29th, 1893. *Area.*—1,382 acres. *Population.*—(1891) 12,219. *Inhabited Houses.*—(1891) 1,979. *Rateable Value.*—(1893) 31,530*l.* *Industries.*—Riverside industries, chalk quarrying, brick-making, brewing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Considerable number of damp houses with unwholesome surroundings; no crowding of houses on area; some overcrowding of persons in houses.

Water Supply.—Almost entirely obtained from works of South Essex Water Company; water obtained from Chalk; supply abundant and constant; water hard, but apparently of good quality. Storage cisterns, usually uncovered, and in unsuitable situations, common.

Sewerage and Drainage.—Sewerage system in course of construction; at date of inspection sewage discharged into old brick unventilated sewers, in which sewage is pent up at every tide. As to house drainage, the district is practically riddled with cesspools; cesspools unventilated; sink-wastes frequently in direct connexion with faulty drains.

Excrement Disposal and Removal.—Waterclosets in better class houses, discharging into cesspools; long hopper type of pan; many hand-flushed; poorer class houses provided with privy pits, sunk below ground level, and of large size; scavenging of privies left to property owners, and much neglected.

Refuse Removal.—House refuse removed by contractor under Sanitary Authority; removal supposed to be at weekly intervals, but apparently much longer intervals allowed to elapse.

Registered Buildings and Trades:—

Common lodging-houses	1	Fairly clean.	Cowsheds - -	5	Moderate.
Houses let in lodgings -	None registered.		Milkshops - - -	5	Satisfactory.
Slaughter-houses -	7	Unsatisfactory.	Bakehouses - -	6	Very indifferent.
Dairies - - -	—	—	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Not very satisfactory.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1892; Common lodging-houses, 1887; New streets and buildings, 1887; Slaughter-houses, 1887; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1890.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., and V. adopted 1890.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Sidney Herbert Snell, M.D., D.P.H. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—Charles Cobham, Cert. San. Inst. *Salary.*—150*l.* (without repayment). *Performance of Duties.*—Is also *Surveyor*, and duties as Nuisance Inspector receive secondary attention.

Repression of Nuisances.—Much delay in dealing with recurring nuisances.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Special committee formed in 1892; leaflets with precautions against cholera distributed; special attention devoted to cleansing of filth receptacles; disinfectants distributed; services of nurse arranged for.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Horne on September 8th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) House drainage.

GREAT CLACTON URBAN DISTRICT.

(Essex.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—July 31st, 1893. *Area.*—4,074 acres. *Population.*—(1891) 3,584. *Inhabited Houses.*—(1891) 728. *Rateable Value.*—(1893) 20,645*l.* *Industries.*—Seaside resort; lodging-house keeping, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Satisfactory in Clacton proper; in outlying district some damp, dilapidated houses, with unwholesome surroundings; no crowding of houses upon area; some overcrowding of persons in houses during summer months.

Water Supply.—Chiefly obtained from works of the Clacton-on-Sea Water Company; water derived from deep wells (400 feet); unfiltered, constant; quality apparently fair; outlying houses supplied from shallow wells or tube wells.

Sewerage and Drainage.—New sewerage scheme in process of construction at date of inspection; sewage discharged into sea; ventilated by shafts up sides of houses; special flushing arrangements provided. House drainage, as a rule, satisfactory; a few sink-wastes still directly connected with drains.

Excrement Disposal and Removal.—In Clacton waterclosets are the rule, fitted with two-gallon flushing tanks. In outlying district pail closets and privies, which are emptied by occupiers or owners.

Refuse Removal.—House refuse removed by contract, and is apparently carried out efficiently. During summer removed once a week, during rest of year once a fortnight.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	10	Fair.
			Cowsheds - -		
Houses let in lodgings -	None registered.		Milkshops - - -		
			Bakehouses - -	?	Fair.
Slaughter-houses -	?	Fair.	Offensive trades - -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fully alive to its duties and responsibilities.

Date of Approval of Byelaws as to:—Scavenging, 1892; Nuisances, 1892; Common lodging-houses, 1892; New streets and buildings, 1892; Slaughter-houses, 1892; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1892.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., and V. adopted 1892.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—John W. Cook, M.D., M.R.C.S. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Active and energetic.

Inspector of Nuisances.—Arthur Richard Robinson. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Fair.
Repression of Nuisances.—Fair.
Isolation Hospital.—None (loan applied for).
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—Arrangements made for use of portable huts as cholera hospitals if required.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority, held by Dr. Reece on January 16th, 1894, when formal recommendations were made as regards the following matters :—
(1.) Action with regard to nuisances.
(2.) Insanitary dwellings.
(3.) Excrement disposal.

GREAT DRIFFIELD URBAN DISTRICT.

(Yorkshire, E.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—June 1st, 1893. *Area.*—5,004 acres. *Population.*—(1891) 5,703. *Inhabited Houses.*—(1891) 1,259. *Rateable Value.*—(1893) 23,508*l.* *Industries.*—Agriculture, linseed crushing mills, flour mills, corn mills, and manure works.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Good as a rule; much improvement undertaken with respect to dwellings of the poor during recent years; no crowding of houses on area; no overcrowding of persons in houses.
Water Supply.—About 280 houses receive supply from works of Driffield Water Company; water obtained from deep well in Chalk; supply abundant and of good quality; remaining houses supplied either from private "bores" sunk in Chalk or from shallow wells, the latter are frequently so situate as to be liable to dangerous pollution.
Sewerage and Drainage.—Sewered throughout in 1881; ventilation effected by surface gratings; flushing adequate; sewage treated by filtration and surface irrigation. House drainage as a rule satisfactory; sink wastes properly disconnected.
Excrement Disposal and Removal.—Almost entirely by means of privies, fitted with pans of galvanised iron or of wood, which are removed and emptied once a week by Sanitary Authority's servants. Removal regularly and well performed.
Refuse Removal.—Refuse disposed of in privy pans and removed at weekly intervals with nightsoil.
Registered Buildings and Trades :—

Common lodging-houses	3	Good.	Cowsheds - -	?	Good.
Houses let in lodgings -	None registered.		Milkshops - - -	2	Good.
Slaughter-houses -	12	Good.	Bakehouses - -	7	Good.
Dairies - - -	4	Good.	Offensive trades - -	3	Fairly good.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Anxious to improve district, and much good work effected of late years.
Date of Approval of Byelaws as to :—Scavenging, 1874; Nuisances, 1874; Common lodging-houses, 1874; New streets and buildings, 1874; Slaughter-houses, 1874; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Parts III. and V. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Richard Wood, M.D., M.R.C.S. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Very efficient.

Inspector of Nuisances.—R. Teal. *Salary.*—36*l.* (with repayment). *Performance of Duties.*—Very efficient.

Repression of Nuisances.—Effectually dealt with.

Isolation Hospital.—The Sanitary Authority make use of the infectious disease wards attached to the Union Workhouse (apparently for small-pox only).

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Handbills giving precautions against cholera issued, and extra scavenging of streets performed.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on August 4th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Water supply.

(2.) Isolation provision.

(3.) Excrement disposal.

(4.) Nuisances.

(5.) Offensive trades.

GREAT YARMOUTH COUNTY BOROUGH.

Inspector.—Dr. S. M. Copeman. *Date of Inspection.*—November 4th–7th, 1893. *Area.*—3,567 acres. *Population.*—(1891) 49,334. *Inhabited Houses.*—(1891) 10,997. *Rateable Value.*—(1893) 157,115*l.* *Industries.*—Seaside resort, herring and deep-sea fishing, boat building, crape manufacturing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many of the dwellings lacking in ventilation, light, and having exceedingly insanitary surroundings; yards mostly unpaved. In the Row district, houses densely packed together, some built back to back; overcrowding of persons in houses during the summer.

Water Supply.—Public supply obtained from the Ormesby, Rollesby, and Filby Broads; water twice filtered through sand; supply constant and ample in quantity and apparently of fair quality; some risk of contamination of water from house drainage.

Sewerage and Drainage.—Sewered throughout; sewage discharged by two outfalls, one at the mouth of the North River, and another into the main river in a line with the Wellington Pier; ventilation, effected by vertical shafts and roadway gratings, insufficient; flushing carried out automatically with sea water. House drainage satisfactory on the whole, the Rows drained by means of open channels.

Excrement Disposal and Removal.—Waterclosets chiefly used for excrement disposal, but a number of privies and earth closets still in existence, the contents of the receptacles of which are removed by the Corporation scavengers periodically.

Refuse Removal.—Refuse removed by Corporation scavengers periodically; work apparently done in a satisfactory manner.

Registered Buildings and Trades :—

Common lodging-houses	8	Fair.	Dairies - -	45	Generally satisfactory.
Houses let in lodgings	None registered.		Cowsheds - -		
Slaughter-houses -	11	Unsatisfactory.	Milkshops -	80	Satisfactory.
			Bakehouses -	67	Fair, one very bad.
			Offensive trades -	7	Satisfactory.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Somewhat slow, but good work done and in progress.

Date of Approval of Byelaws as to :—Scavenging, 1868; Nuisances, none; Common lodging-houses, 1868; New streets and buildings, 1877; Slaughter-houses, 1868; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1880.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1890.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., and V., adopted 1890.

(*d.*) Housing of the Working Classes Act, 1890; number of houses closed, especially in the Row district.

Medical Officer of Health.—John Bately, M.D. *Salary.*—230*l.* (with repayment). *Performance of Duties.*—Able and energetic.

Inspectors of Nuisances.—(*a.*) P. O'Connor; (*b.*) Joseph Crane, Cert. San. Inst. *Salary.*—(*a.*) 150*l.*; (*b.*) 125*l.* (with repayment). *Performance of Duties.*—(*a.*) Inefficient; (*b.*) Thoroughly efficient.

Repression of Nuisances.—Fair.

Isolation Hospital.—In course of erection at time of inspection.

Disinfecting Apparatus.—High-pressure steam disinfecting apparatus at hospital.

Special Preparation for Cholera.—Since August 22nd, 1892, house-to-house inspection of poorer parts of town carried out. Of 2,000 houses inspected, 979 were found to be defective. Scavenging also has been more frequently carried out and "disinfectants" distributed.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Copeman on January 22nd, 1894, when formal recommendations were made as regards the following matters :—

(1.) Water supply.

(2.) Courts and insanitary houses.

(3.) Action in regard to nuisances.

HANLEY COUNTY BOROUGH.

Inspector.—Dr. R. D. R. Sweeting. *Date of Inspection.*—February 7th and 8th, 1894. *Area.*—1,768 acres. *Population.*—(1891) 54,946. *Inhabited Houses.*—(1891) 10,316. *Rateable Value.*—(1894) 181,578*l.* *Industries.*—Potteries, ironworks, collieries.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair on the whole; dwellings in the Irish quarter very dirty; marked huddling of houses on area in older parts of town; some overcrowding of persons in houses.

Water Supply.—Obtained from the works of the North Staffordshire Water Company; supply constant, and apparently of good quality.

Sewerage and Drainage.—With exception of Northwood, district sewered throughout; adequate arrangements for flushing and ventilation; sewage treated on land by intermittent downward filtration; at date

of inspection treatment of sewage not satisfactory. Sewage of Northwood passes untreated into brook which communicates with Trent and Mersey Canal. House drainage as a rule fair.

Excrement Disposal and Removal.—Partly by cesspool privies, partly by Rochdale pails (3,000), partly by "cottage basins" hand-flushed (2,000)), partly by water-closets (600–700), and partly by slop-water-closets (600–700). Scavenging carried by Sanitary Authority's staff; Rochdale pans emptied once in 7–14 days, the cesspool privies "on application" or "when required;" many observed over-full.

Refuse Removal.—House refuse disposed of in ashpits, many uncovered, large and wet; ashpits emptied by Sanitary Authority's staff "in routine" three or four times a year, and casual applications dealt with as they arise.

Registered Buildings and Trades :—

Common lodging-houses	8	Overcrowded.	Milkshops - - -	44	Good.
Houses let in lodgings -	None registered.		Bakehouses - -	?	Tolerably good.
Slaughter-houses -	23	Good.	Offensive trades - -	?	No nuisance observed.
Dairies - - -	29	Fairly good.			
Cowsheds - -					

B.—Sanitary Administration.

Administration by Sanitary Authority.—Progressive.

Date of Approval of Byelaws as to :—Seavenging, 1859; Nuisances, 1859; Common lodging-houses, 1859; New streets and buildings, 1859; Slaughter-houses, 1859; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1890.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., and V.; adopted 1890.
(*d.*) Housing of the Working Classes Act, 1890; closing orders obtained in several cases.

Medical Officer of Health.—John Clare, L.R.C.S., L.S.A., D.P.H. *Salary.*—105*l.* (without repayment). *Performance of Duties.*—Efficient and zealous.

Inspector of Nuisances.—Two inspectors, Samuel Salt, Cert. San. Inst., and Robert Johnson, Cert. San. Inst. *Salary.*—114*l.* (without repayment). *Performance of Duties.*—Very efficient.

Repression of Nuisances.—Satisfactory.

Isolation Hospital.—Provided in combination with Fenton and Stoke Urban Authorities; 50 beds.

Disinfecting Apparatus.—Steam disinfecting apparatus, out of repair at time of inspection.

Special Preparation for Cholera.—Cholera handbills and posters distributed from house to house, and a considerable accession made to scavenging staff in autumns of 1892 and 1893.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Sweeting on April 20th, 1894, when formal recommendations were made as regards the following matters :—

(1.) Excrement disposal.
(2.) Refuse disposal.
(3.) Sewerage and drainage.
(4.) Sewage disposal.
(5.) Courts and insanitary dwellings.
(6.) Overcrowding.
(7.) Common lodging-houses.
(8.) Byelaws.
(9.) Disinfecting apparatus.

HARWICH BOROUGH.

(Essex.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—June 21st, 1894. *Area.*—1,526 acres. *Population.*—(1891) 8,202. *Inhabited Houses.*—(1891), 1,380. *Rateable Value.*—(1894) 24,724*l.* *Industries.*—Railway works ship-building, fishing, cement works.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Very defective for the most part, principally built of wood, or of wood and plaster; many houses dilapidated and damp; much crowding of dwellings upon area; no marked over-crowding of persons.

Water Supply.—Obtained from works of the Mistley Waterworks Company; water pumped from two deep wells in Chalk, situate about 60 yards from the side of the Estuary of the Orwell at Mistley; no filtration; supply nominally constant, but said to be frequently intermittent.

Sewerage and Drainage.—Sewered throughout in 1880; ventilation by means of surface gratings and a few ventilating shafts; ventilation very imperfect; sewers in Harwich flushed once a fortnight by sea water. No provision for flushing Dovercourt sewers; sewage discharged into sea below low-water mark once in 24 hours.

House drainage fairly satisfactory in better-class houses, but in poorer-class houses the house drainage is frequently very defective.

Excrement Disposal and Removal.—Chiefly disposed of in privy pits situate in confined backyards; these privy pits are a source of grave and dangerous nuisance; waterclosets principally in use at Dovercourt and in better-class houses, but soil pipes frequently unventilated. Privy contents removed by scavengers at intervals of from six weeks to two months.

Refuse Removal.—House refuse removed by Sanitaty Authority's own staff; in Harwich, when houses are provided with closets, refuse removed daily, but at Dovercourt it is collected at weekly or fortnightly intervals according to season.

Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies - -	3	Fair.
Houses let in lodgings.	None registered.		Cowsheds - -		
Slaughter-houses -	7	Moderate, no provision for regular removal of offal.	Milkshops -		
			Bakehouses -	20	Fair.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority. — Signs of considerable improvement during recent years.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health. — Harold Gurney, L.R.C.P., L.R.C.S.E. *Salary.*—30*l.* (without repayment). *Performance of Duties.*—Active and energetic.

Inspector of Nuisances. — H. Ditcham. *Salary.* — 80*l.* (without repayment). *Performance of Duties.* Energetic, but much hampered by want of byelaws.

Repression of Nuisances.—Decided improvement recently.
Isolation Hospital.—Provided at Dovercourt in 1882; eight beds.
Disinfecting Apparatus.—Portable Fraser's stove; inefficient.
Special Preparation for Cholera.—Increased attention paid to flushing of yards, drains, &c., and also to substitution of waterclosets for pit privies.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on August 31st, 1894, when formal recommendations were made as regards the following matters:—
(1.) Excrement disposal.
(2.) Sewerage and house drainage.
(3.) Condition of dwellings.
(4.) Byelaws.

HASTINGS COUNTY BOROUGH.

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—March 29th, 1894. *Area*—1,822 acres. *Population.*—(1891) 52,223. *Inhabited Houses.*—(1891) 8,165. *Rateable Value.*—(1894) 365,774*l.* *Industries.*—Lodging-house keeping and other occupations pertaining to a sea-side health resort.

A.—Sanitary Circumstances.

Dwellings of the Poor.—In older parts of Borough some dilapidated and damp dwellings; a few back-to-back houses; in older parts of town houses frequently crowded together in narrow streets and courts; occasional overcrowding of persons.
Water Supply.—Public supply obtained from five wells, sunk in Greensand and situate at distant points round the town; each well is provided with separate pumping machinery and several sets of filter beds; filtration effected through polarite, sand, and gravel; supply constant to low lying parts of borough but intermittent in the higher levels. About 400 houses provided with private wells.
Sewerage and Drainage.—Sewered throughout; many of older sewers very imperfectly ventilated; ventilation of newer sewers effected by means of low shafts with mica flaps for inlet and by vertical shafts carried above house eaves for outlets. Flushing tanks provided at ends of sections of sewers in higher part of town; sewage discharged by two outfalls into sea at ebb tide. House drainage as a rule very satisfactory.
Excrement Disposal and Removal.—Waterclosets universal; majority provided with proper flushing arrangements, but a number still hand-flushed.
Refuse Removal.—House refuse placed in dust bins, mostly of galvanised iron, contents emptied weekly and conveyed by Borough dustmen to a destructor where it is burnt. The scavenging appears to be satisfactory.
Registered Buildings and Trades:—

Common lodging-houses.	2	Fair.	Dairies - -	5	Satisfactory.
Houses let in lodgings.	None registered.		Cowsheds - -	16	Clean and well kept.
Slaughter-houses -	7	Fair.	Milkshops -	88	
			Bakehouses -	49	Clean and well kept.
			Offensive trades -	1	Well conducted.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improving in efficiency during recent years.
Date of Approval of Byelaws as to:—Scavenging, 1888; Nuisances, 1890; Common lodging houses, 1881; New streets and buildings, 1882; Slaughter-houses, 1893; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—Archibald Scarlyn Wilson, M.B., M.R.C.S., D.P.H. *Salary.*—150*l.* (without repayment). *Performance of Duties.*—Good.
Inspector of Nuisances.—W. A. Inskipp. *Salary.*—180*l.* (without repayment). *Performance of Duties.*—Not very energetic (Assistant Inspector W. King, with salary of 80*l.* is doing active work).
Repression of Nuisances.—Fairly satisfactory.
Isolation Hospital.—Building purchased in 1874 and provided with 35 beds for isolation of infectious diseases, at a later date an iron hospital with accommodation for 30 beds also purchased for small-pox. Site only one-and-half acres in extent; arrangements wholly unsatisfactory and inadequate.
Disinfecting Apparatus.—Washington Lyon's steam disinfecting apparatus provided.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on May 24th, 1894, when formal recommendations were made as regards the following matters:—
(1.) Water supply.
(2.) Isolation accommodation.
(3.) Dairies, cowsheds, and milkshops.
(4.) Action in regard to nuisances.
(5.) Condition of dwellings.
(6.) Waterclosets.

HAVANT URBAN DISTRICT.

(Hampshire.)

Inspector.—Dr. Theodore Thomson. *Date of Inspection.*—September 25th–27th, 1894. *Area.*—2,786 acres. *Population.*—(1891) 3,474. *Inhabited Houses.*—(1891) 684. *Rateable Value.*—(1894) 15,136*l.* *Industries.*—Fellmongering, parchment making, leather dressing, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Not infrequently old, damp, badly lighted and ventilated; little crowding of houses upon area; no overcrowding of persons.
Water Supply.—Chiefly from works of Portsmouth Corporation, water obtained from Chalk springs, not filtered. Considerable number of houses supplied with water from private wells, which are mostly shallow, dry steined and liable to pollution.
Sewerage and Drainage.—The greater part of Havant proper was sewered some 30 years ago; these sewers have no arrangements for ventilation or flushing, and the sewage is discharged into a catch pit, from whence the overflow is discharged into an adjacent stream and mill pond, both of which are in a filthy state. Remainder of district unsewered, drains discharged into cesspools or ditches. House drainage usually by open channels to a yard gulley, and thence by pipe to cesspool.
Excrement Disposal and Removal.—Prevailing methods of disposal of excreta are by cesspit privies and by pails; there are also a few waterclosets. Cesspit privies and pails both sources of nuisance.
Pails scavenged twice a week by Urban Authority, cesspit privies are fitfully cleansed by occupier.

Refuse Removal.—House refuse stored in moveable receptacles; cart sent round daily to collect contents of receptacles in Havant proper, in remaining portion of district (Langston, Durrants, and Redhill) removal of refuse is left to occupier.

Registered Buildings and Trades:—

Common lodging-houses.	1	Clean.	Dairies - -	23	Not registered, but as a rule well kept.
Houses let in lodgings.	None registered.		Cowsheds - -	32	
			Milkshops -	10	
			Bakehouses -	6	Fair.
Slaughter-houses -	4	Clean.	Offensive trades -	3	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1880; Common lodging-houses, none; New streets and buildings, 1880; Slaughter-houses, 1880; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1894.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—William Bannister, M.R.C.S., L.S.A. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Not satisfactory.

Inspector of Nuisances.—A. E. Stallard, Fell. San. Inst. *Salary.*—25*l.* (with repayment). *Performance of Duties.*—Not satisfactory.

Repression of Nuisances.—Recurrent nuisances not efficiently dealt with.

Isolation Hospital.—Provided in combination with Havant Rural District Council; two ward blocks; 16 beds.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Thomson on May 3rd, 1895, when formal recommendations were made as regards the following matters:—

(1.) Sewerage and drainage.
(2.) Disposal of excrement.
(3.) Courts and insanitary houses.
(4.) Water supply.
(5.) Disinfection.
(6.) Registration of cowsheds and dairies.

HAVERFORDWEST BOROUGH.

(Pembrokeshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—June 27th and 28th, 1893. *Area.*—1,382 acres. *Population.*—(1891) 6,179. *Inhabited Houses.*—(1891) 1,330. *Rateable Value.*—(1893) 17,356*l.* *Industries.*—Agricultural centre.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many old, damp, dilapidated houses, unfit for habitation; a few courts only in older parts of town; occasional overcrowding of persons.

Water Supply.—Public, obtained from two sources, (*a*) a spring, and (*b*) a well situate at Barnley; no filtration; supply intermittent, apparently insufficient in quantity; quality doubtful.

Sewerage and Drainage.—Sewered throughout; ventilation by surface grids; flushing arrangements satisfactory; sewage discharged into tidal river. House drains, as a rule, disconnected from sewers.

Excrement Disposal and Removal.—By privy middens and waterclosets; privy middens of bad type, source of nuisance; waterclosets frequently hand-flushed. Middens emptied by contractors under Sanitary Authority at irregular intervals.

Refuse Removal.—House refuse removed with midden contents at irregular intervals; work not systematically performed; accumulations of refuse common.

Registered Buildings and Trades:—

Common lodging-houses.	4	Moderate.	Dairies - -	?	Not registered or regulated.
Houses let in lodgings.	Not registered.		Cowsheds - -		
			Milkshops -		
			Bakehouses -	?	Fair.
Slaughter-houses -	1	Public, good.	Offensive trades -	1	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax and inefficient.

*Date of Approval of Byelaws as to:—*Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, 1888; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Charles Arthur Brigstocke, M.R.C.S., L.S.A. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Active and intelligent, but work rendered useless through apathy of Sanitary Authority.

Inspector of Nuisances.—David Edward Thomas. *Salary.*—52*l.* (with repayment). *Performance of Duties.*—Not efficient.

Repression of Nuisances.—Recurrent nuisances not dealt with.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on August 25th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Courts and insanitary houses.
(4.) Excrement disposal.
(5.) Scavenging.
(6.) Action in regard to nuisances.
(7.) Byelaws.

HEAGE URBAN DISTRICT.

(Derbyshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—August 25th, 1894. *Area.*—2,367 acres. *Population.*—(1891) 2,490. *Inhabited Houses.*—(1891) 528. *Rateable Value* (1894) 8,390*l.* *Industries.*—Coal mining, wire working, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many old cottages with damp walls and thatched unspouted roofs; paving of yards very defective; no crowding of dwellings upon area; some overcrowding of persons.

Water Supply.—Water obtained from well sunk in the Coal measures. Wells all dry steined, many from 10 to 15 yards in depth; many polluted wells observed.

Sewerage and Drainage.—Not sewered; existing drains discharge into roadside ditches or watercourse or fields. Many houses have no drains; slop-water thrown on gardens or into holes dug in the ground.

Excrement Disposal and Removal.—Privy middens or cesspit privies only are met with; many dilapidated and ruinous; in some instances privy middens placed against walls of dwellings. Scavenging is left to occupiers and is much neglected.

Refuse Removal.—Refuse thrown into backyards, gardens, or roads. Accumulations of refuse common throughout district.

Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies -	Not registered or regulated; condition very bad.	
Houses let in lodgings.	None registered.		Cowsheds -		
			Milkshops -		
Slaughter-houses -	4	Paving and drains bad; filth placed in middens.	Bakehouses -	1	Clean.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very bad.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.

Regulation as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—George Garnham, M.R.C.S., L.S.A. *Salary.*—13*l.* (without repayment). *Performance of Duties.*—Not very active but advice not attended to by Authority.

Inspector of Nuisances.—John Barlow. *Salary.*—5*l.* (without repayment). *Performance of Duties.*—No knowledge of sanitary matters.

Repression of Nuisances.—Very much neglected.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparations for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on 25th October 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Excrement and refuse disposal.
(4.) Sewerage.
(5.) House drainage.
(6.) Condition of dwellings.
(7.) Nuisances.
(8.) Dairies and cowsheds.
(9.) Byelaws.

HEANOR URBAN DISTRICT.

(Derbyshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—October 26th, 1894. *Area.*—1,579 acres. *Population.*—(1891) 9,779. *Inhabited Houses*—(1891) 1,921. *Rateable Value.*—(1894) 30,138*l.* *Industries.*—Coal mining, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many old, damp, dilapidated cottages with dirty yards and defective drainage; very little crowding of houses on area; occasional overcrowding of persons.

Water Supply.—Public supply obtained by pumping from three sources, (*a*) well at Commonside; (*b*) well at Langley; (*c*) pit shaft at Bailey Brook, water in all cases from Coal Measures. Not filtered. Still about 200 private wells in district, chiefly shallow and exposed to pollution.

Sewerage and Drainage.—Sewered throughout; ventilated by surface grids; flushing effected by means of hose; sewage discharged by six outfalls, in four cases sewage disposed of on land, in two cases sewage passes into settling tanks only. House drainage often defective; yard gullies frequently untrapped; many sinks directly connected with drains.

Excrement Disposal and Removal.—With exception of about 30 water-closets and 100 pail closets, privy middens and vault privies are universal throughout the district; many a source of dangerous nuisance. Privy receptacles scavenged by Local Authority—at irregular intervals "when full."

Refuse Removal.—House refuse removed with midden and ashpit refuse. Many accumulations of filth observed at date of inspection.

Registered Buildings and Trades:—

Common lodging-houses.	3	Moderate.	Dairies -	32	Fair.
Houses let in lodgings.	None registered.		Cowsheds -		
Slaughter-houses -	11	Moderate.	Milkshops -		
			Bakehouses -	10	Satisfactory.
			Offensive trades -	1	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Slow in action.

Date of Approval of Byelaws as to:—Scavenging, 1860; Nuisances, 1860; Common lodging-houses, 1860; New streets and buildings, 1860; Slaughter-houses, 1860; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—William K. Turton, M.B., C.M. *Salary.*—25*l.* (without repayment). *Performance of Duties.*—Efficient.

Inspector of Nuisances.—John Holbrook. *Salary.*—75*l.* (without repayment). *Performance of Duties.*—Neglected.

Repression of Nuisances.—Not efficiently dealt with.

Isolation Hospital.—Eight-roomed cottage used for small-pox hospital; arrangements unsatisfactory.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on December 7th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Excrement and refuse disposal.
(4.) House drainage.
(5.) Houses unfit for habitation.
(6.) Action with regard to nuisances.
(7.) Byelaws.

HEATH TOWN URBAN DISTRICT.

(Staffordshire.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—July 24th–28th, 1894. *Area.*—885 acres. *Population*—(1891) 7,075. *Inhabited Houses.*—(1891) 1,440. *Rateable Value.*—(1894) 15,896*l.* *Industries.*—Iron works, coal mining.

A.—Sanitary Circumstances.

Dwellings of the Poor.—In very bad condition in many instances, especially at Mozeley village and its neighbourhood; little crowding of dwellings upon area except at Mozeley; occasional overcrowding of persons.

Water Supply.—About four fifths of houses obtain water supply from works of Wolverhampton Corporation, but remaining fifth supplied from shallow wells exposed to all kinds of dangerous pollution from drains, privy vaults, &c.

Sewerage and Drainage.—No proper system of sewering, old road drains used as sewers, no provision for ventilation or flushing; sewage discharged untreated into Rivers Stour and Tame. House drainage very bad; sewage nuisances abound.

Excrement Disposal and Removal.—About 800 dry ash closets recently erected in district; remaining houses provided with privy middens of bad type. Excrement removal inefficiently performed by Sanitary Authority's own men.

Refuse Removal. — House refuse removed with privy contents by Authority's scavengers nominally at weekly intervals; at date of inspection work of scavengers much neglected,

Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies - -	7	Moderate.
Houses let in lodgings.	None registered.		Cowsheds - -		
Slaughter-houses -	8	Indifferent.	Milkshops -		
			Bakehouses -	9	Fair.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Slightly improved during recent years, but still leaves much to be desired.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1867; Common lodging-houses, 1867; New streets and buildings, 1867; Slaughter-houses, 1867; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—John Green, M.R.C.S., L.S.A. *Salary.*—20*l.* (without repayment). *Performance of Duties.*—Fair.
Inspector of Nuisances.—Henry Lach. *Salary.*—50*l.* (without repayment). *Performance of Duties.*—Unsatisfactory.
Repression of Nuisances.—Not efficiently dealt with.
Isolation Hospital.—Temporary building for isolation of small-pox with 10 beds, recently erected in combination with Wednesfield Urban District Council; arrangements very faulty. For ordinary infectious disease Urban Authority have an arrangement for reception of cases in Wolverhampton Corporation Hospital.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—Handbills giving precautions against cholera issued.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on August 11th, 1894, when formal recommendations were made as regards the following matters:—
(1.) Water supply.
(2.) Sewerage and drainage.
(3.) Excrement and refuse removal.
(4.) Condition of dwellings.
(5.) Inspection of nuisances.
(6.) Dairies, cowsheds, and milkshops.
(7.) Byelaws.

HEDON BOROUGH.

(Yorkshire, E.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—June 21st, 1893. *Area.*—321 acres. *Population.*—(1891) 979. *Inhabited Houses.*—(1891) 233. *Rateable Value.*—(1893) 3,327*l.* *Industries.*—Agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—As a rule, dwellings of the poor are old, ill-ventilated, and dilapidated; some overcrowding of dwellings upon area, but most houses have gardens; no overcrowding of persons.
Water Supply.—Almost universally obtained from shallow wells, which are everywhere liable to soakage from privies, manure heaps, undrained pigsties, and faulty drains.
Sewerage and Drainage.—Three main sewers constructed of brick; two of the sewers have outfalls into a land drain, and the other into a small watercourse; sewage not treated; sewers without means for flushing and inadequately ventilated. House drains very defective; majority of houses unfurnished with proper drainage or have old-fashioned catch-pits only.
Excrement Disposal and Removal.—Chiefly by means of privy middens of bad type; many privies situated close to houses so as to give rise to great nuisance. Nightsoil removed fortnightly by a contractor, but work apparently badly and unequally performed.
Refuse Removal.—Removed by contractor, but very badly performed; accumulations of refuse very common.
Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies - -	None.	
			Cowsheds - -	?	Bad.
Houses let in lodgings.	None registered.		Milkshops -	None.	—
			Bakehouses -	None.	—
Slaughter-houses -	2	Fair.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very defective.

Date of Approval of Byelaws as to:—Scavenging, 1885; Nuisances, none; Common lodging-houses, 1885; New streets and buildings, 1885; Slaughter-houses, 1885; Offensive trades, 1885.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1892.

(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1892.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—H. Robinson, M.B., C.M. *Salary.*—10*l.* 10*s.* (without repayment). *Performance of Duties.*—Not very active; non-resident.

Inspector of Nuisances.—Robert Leak. *Salary.*—10*l.* (without repayment). *Performance of Duties.*—Unsatisfactory.

Repression of Nuisances.—Very inefficient.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—In 1892 drains flushed and nightsoil removed weekly for a time.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on August 9th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Sewerage.
(4.) Excrement and refuse disposal.
(5.) State of dwellings.
(6.) Inspector of Nuisances.

HEREFORD CITY AND BOROUGH.

(Herefordshire.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—December 11th, 1893. *Area.*—5,031 acres. *Population* (1891) 20,267. *Inhabited Houses.*—(1891) 4,145. *Rateable Value.*—(1892) 101,833*l.* *Industries.*—Mainly trades and shopkeeping of a county town, the centre of an agricultural district.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Generally clean and in fair sanitary condition; a few damp and in bad repair, being dealt with by Sanitary Authority; little crowding of houses upon area; overcrowding of persons occasional only.

Water Supply.—Public supply obtained by pumping from the River Wye, intake about a mile above the city; water filtered through sand and gravel, supply constant. Certain towns and villages discharge their sewage into the Wye above intake of waterworks.

Sewerage and Drainage.—Sewered throughout, ventilated by surface grids and by perpendicular shafts. Flushing tanks at end of each section of system; sewage mixed with "alumino-ferric" and passed into settling tanks where sludge deposits; the effluent is then filtered through land and discharged into the Wye. House drainage fairly good.

Excrement Disposal and Removal.—Almost entirely by waterclosets, the great majority of which have proper flushing cisterns, a few closets only flushed by hand.

Refuse Removal.—House refuse removed daily by the Corporation carts.

Registered Buildings and Trades:—

Common lodging-houses.	11	Clean.	Dairies - -	15	Well supervised and satisfactory.
Houses let in lodgings.	None registered.		Cowsheds - -	12	
			Milkshops -	11	
			Bakehouses -	31	Good condition.
Slaughter-houses -	7	Satisfactory.	Offensive trades -	2	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Efficient and intelligent on the whole.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1879; Common lodging-houses, 1877; New streets and buildings, 1879; Slaughter-houses, 1879; Offensive trades, 1887.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., and V. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; three houses condemned and closed in 1893.

Medical Officer of Health.—H. Vavasour Sandford, L.R.C.P., L.F.P. and S.G. *Salary.*—150*l.* (with repayment). *Performance of Duties.*—Not active or zealous, wanting in tact.

Inspector of Nuisances.—James Taylor, Cert. San. Inst. *Salary.*—150*l.* (with repayment). *Performance of Duties.*—Very good.

Repression of Nuisances.—Some difficulty experienced owing to reluctance of the local bench of magistrates to inflict penalties.

Isolation Hospital.—Hospital with 16 beds erected in 1893, constructed of corrugated iron with wood lining; arrangements unsatisfactory.

Disinfecting Apparatus.—Manlove, Alliot and Fryer's disinfector provided on hospital site.

Special Preparation for Cholera.—General precautions; strict enforcement of cleanliness in yards and premises during hot weather of summer and autumn. Pamphlet containing advice distributed amongst inhabitants.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on February 1st, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.

(2.) Isolation accommodation.

(3.) Dairies, cowsheds, and milkshops.

HERNE BAY URBAN DISTRICT.

(Kent.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—September 4th, 1894. *Area.*—415 acres. *Population.*—(1891) 3,829. *Inhabited Houses.*—(1891) 730. *Rateable Value.*—(1894) 25,409*l.* *Industries.*—Seaside resort.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Generally clean and in good condition; some wooden houses; a few without spouting and with damp foundations; ample air space amongst dwellings; overcrowding of persons infrequent.

Water Supply.—Obtained from works of private company; water pumped from deep wells in Chalk situate at Foord; supply constant; no filtration; quality stated to be satisfactory.

Sewerage and Drainage.—Sewered throughout; ventilation inadequate; flushing arrangements satisfactory; sewage discharged into sea. House drainage as a rule satisfactory.

Excrement Disposal and Removal.—Chiefly by means of waterclosets provided with proper flushing cisterns; a number of hand-flushed closets still in existence.

Refuse Removal.—House refuse removed daily by contractor's carts. Refuse carted to a depôt on the outskirts of the district, where it is allowed to accumulate and become a source of nuisance.

Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies - -	4	Satisfactory.
			Cowsheds - -		
Houses let in lodgings.	None registered.		Milkshops -	9	Satisfactory.
			Bakehouses -	7	Satisfactory.
Slaughter-houses -	6	Satisfactory.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fairly efficient.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1884; Common lodging-houses, 1884; New streets and buildings, 1884; slaughter-houses, 1884; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1890.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1890.
(*d.*) Housing of the Working Classes Act, 1890; two houses dealt with in 1892.

Medical Officer of Health.—Major Kirkby Robinson, M.D. *Salary.*—23*l.* 10*s.* 10*d.* (with repayment). *Performance of Duties.*—Gives good advice and has confidence of Sanitary Authority.

Inspector of Nuisances.—F. W. J. Palmer. *Salary.* — 50*l.* (with repayment). *Performance of Duties.*—Satisfactory.

Repression of Nuisances.—Satisfactory.

Isolation Hospital.—Two cottages purchased for hospital purposes in 1891; arrangements not satisfactory.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on September 21st, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation accommodation.
(2.) Sewerage and drainage.
(3.) Waterclosets.
(4.) Ultimate disposal of refuse.
(5.) Condition of dwellings.

HOLYHEAD URBAN DISTRICT.

(Anglesey.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—June 7th–9th, 1893. *Area.*—732 acres. *Population.*—(1891) 8,745. *Inhabited Houses.*—(1891) 1,966. *Rateable Value.*—(1892) 23,619*l.* *Industries.*—Employés of railway and shipping companies.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many dwellings damp, with unsatisfactory surroundings, some unfit for habitation; a few back-to-back houses; occasional overcrowding of persons.

Water Supply.—From works of Holyhead Water Company; water obtained from springs on hillside about two miles from town; filtered through sand and gravel; constant service; water apparently of fair quality.

Sewerage and Drainage.—Sewered throughout; ventilation effected by means of street gratings, apparently insufficient in number; flushing arrangements not very satisfactory; sewage discharged by means of three outfalls into Outer Harbour. House drainage imperfect; as a rule unventilated; slops frequently thrown into unpaved yards.

Excrement Disposal and Removal.—Privy middens of bad type, many very filthy and a dangerous source of nuisance; a few hand-flushed waterclosets; nightsoil removed by Sanitary Authority in an irregular and perfunctory manner.

Refuse Removal.—Removed with midden contents; work performed in an unsatisfactory manner; many accumulations of filth noticed at date of inspection.

Registered Buildings and Trades:—

Common lodging-houses.	3	Fair.	Dairies -	?	Not regulated.
Houses let in lodgings.	None registered.		Cowsheds -		
			Milkshops -		
			Bakehouses -	?	—
Slaughter-houses -	5	Generally dirty.	Offensive trades -	1	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inactive.

Date of Approval of Byelaws as to:—Scavenging, 1860; Nuisances, 1860; Common lodging-houses, 1887; New streets and buildings, 1860; Slaughter-houses, 1860; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—William Evans, L.R.C.P., M.R.C.S. *Salary.*—150*l.* (with repayment). *Performance of Duties.*—Active and energetic.

Inspector of Nuisances.—Rees Lloyd Davies. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Very unsatisfactory.

Repression of Nuisances.—Inefficient.

Isolation Hospital.—The Sanitary Authority have the use of the infectious diseases ward connected with a hospital on Salt Island; arrangements unsatisfactory.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Handbills giving precautions against cholera distributed.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on September 19th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Courts and insanitary houses.
(3.) Disinfecting apparatus.
(4.) Excrement disposal.
(5.) Scavenging.
(6.) Sewerage and drainage.
(7.) Insanitary property.
(8.) Action in regard to nuisances.
(9.) Dairies, cowsheds, and milkshops.
(10.) Byelaws.

HOOLE URBAN DISTRICT.

(CHESHIRE.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—December 21st, 1893. *Area.*—331 acres. *Population.*—(1891) 3,892. *Inhabited Houses.*—(1891) 673. *Rateable Value.*—(1893) 15,247*l.* *Industries.*—Employés of railway company, nursery gardens.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Satisfactory as a rule; no crowding of dwellings upon area; apparently no overcrowding of persons.

Water Supply.—From the Chester Waterworks; water pumped from River Dee above Chester, filtered through sand and gravel; supply constant.

Sewerage and Drainage.—Sewered throughout, ventilated by manholes and street gratings; flushed by water-cart in summer; sewage discharged into main sewer of Chester Corporation. House drainage satisfactory.

Excrement Disposal and Removal.—Waterclosets practically universal, mostly of "wash-out" or "hopper" types, and each provided with flushing cistern.

Refuse Removal.—House refuse and ashes stored in fixed ash-pits, which are scavenged by the Local Authority's men. Removal nominally at weekly intervals, but in some cases apparently intervals longer. Refuse tipped at a depôt outside the district.

Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies - -	1	Fair.
Houses let in lodgings.	None registered.		Cowsheds - -	6	
			Milkshops -	4	
			Bakehouses .	1	Fair.
Slaughter-houses -	None.	—	Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Efficient.

Date of Approval of Byelaws as to:—Scavenging, None; Nuisances, 1864; Common lodging-houses, None; New streets and buildings, 1864; Slaughter-houses, 1864; Offensive trades, None.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1891.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., V. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—William Charles Watson, L.R.C.P., M.R.C.S. *Salary.*—25*l.* (with repayment). *Performance of Duties.*—Efficient.

Inspector of Nuisances.—Charles Atkin. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Efficient.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Extra inspections and extra flushing of sewers, &c.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

Final Conference with Sanitary Authority held by Dr. Fletcher on January 22nd, 1894, when formal recommendations were made as regards the following matters:—

(1.) Byelaws.

(2.) Refuse disposal.

(3.) Condition of streets.

HORNSEA URBAN DISTRICT.

(YORKSHIRE, E.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—April 12th, 1894. *Area.*—3,316 acres. *Population.*—(1891) 2,013. *Inhabited Houses.*—(1891) 414. *Rateable Value.*—(1893) 9,765*l.* *Industries.*—Agriculture, fishing.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Fair for the most part; no courts nor crowding of dwellings upon area, but some rows of houses with very confined backyards; no overcrowding of persons.

Water Supply.—Public water supply from a deep bore in Chalk, situate about a mile north-east of the town; water contains much iron in solution, and is submitted to special process to get rid of this; supply constant, and appears, after being submitted to treatment, to be of good quality. About 30 private wells sunk in gravel, most of which are so situate as to be liable to dangerous pollution.

Sewerage and Drainage.—Sewered throughout; ventilation of sewers inadequate, and flushing arrangements defective; sewage discharged into sea below low-water mark.

House drains, as a rule, properly constructed, and sink wastes disconnected.

Excrement Disposal and Removal.—About one third of houses provided with waterclosets furnished with suitable flushing apparatus. Remaining houses provided either with privy middens or box privies; midden privies frequently of bad type and source of nuisance. Privies scavenged by Sanitary Authority's own staff at weekly intervals; work well done.

Refuse Removal.—House refuse removed with nightsoil by scavengers once a week.

Registered Buildings and Trades:—

Common lodging-houses.	1	Fair.	Dairies -	12	Some very good, others ill-ventilated and undrained.
Houses let in lodgings.	None registered.		Cowsheds -		
			Milkshops -		
Slaughter-houses -	5	Fair.	Bakehouses -	None.	—
			Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Only moderately efficient.

Date of Approval of Byelaws as to:—Scavenging, 1865; Nuisances, 1865; Common lodging-houses, 1865; New streets and buildings, 1865; Slaughter-houses, 1865; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Frederick Hodson, M.R.C.S., L.S.A. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Not very active.

Inspector of Nuisances.—P. Gaskell. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Fairly active and efficient.

Repression of Nuisances.—Somewhat defective.

Isolation Hospital—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Special inspection, and report made by Medical Officer of Health in 1893.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on June 2nd, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Sewerage.
(4.) Excrement disposal.
(5.) Byelaws.

HOUGHTON-LE-SPRING URBAN DISTRICT.

(Durham.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—October 12th–13th, 1893. *Area.*—1,551 acres. *Population.*—(1891) 6,476. *Inhabited Houses.*—(1891) 1,192. *Rateable Value.*—(1893) 17,523*l.* *Industries.*—Coal-mining.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many of older cottages damp and dilapidated; some crowding of houses on area in Newtown; some overcrowding of persons in houses.

Water Supply.—Public supply obtained from the shaft of Houghton Pit at a depth of 40 fathoms, from a bed of sand underlying Mountain Limestone; supply constant and abundant when pit is working; water hard, and, as the organic constituents vary from time to time, the quality is somewhat doubtful.

Sewerage and Drainage.—Sewered throughout; ventilation by street grids satisfactory; arrangements made for securing ample flushing; sewage treated with alumina ferric, screened and filtered through land, effluent discharged into Hetton Burn.

House drainage, as a rule, satisfactory; surface drainage neglected, and many yards unpaved.

Excrement Disposal and Removal.—With the exception of a few water-closets recently provided, privy middens are universal throughout district; many of bad type, causing nuisance close to dwellings; in many instances only means of access of scavenging through houses.

Refuse Removal.—House refuse disposed of in middens, and removed with nightsoil. In the colliery houses the work is done by the colliery officials, and is apparently well attended to; in other parts of district scavenging is left to occupier, and much neglected.

Registered Buildings and Trades:—

Common lodging-houses.	3	Indifferent.	Dairies - -	None.	—
			Cowsheds - -	26	Not satisfactory.
Houses let in lodgings.	None registered.		Milkshops -	None.	—
			Bakehouses -	None.	—
Slaughter-houses -	17	Fair.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Have done good work, but much influenced by considerations of expense.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1889.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1892.
(*c.*) Public Healths Act Amendment Act, 1890; Parts I., II., III., adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; proceedings taken with respect to 37 houses in 1892 and 1893.

Medical Officer of Health.—David Scott Park, F.R.C.S.E., L.R.C.P. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Excellent.
Inspector of Nuisances.—Thomas Foster. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Active and intelligent.
Repression of Nuisances.—Promptly dealt with.
Isolation Hospital.—None.
Disinfecting Apparatus.—Fraser's portable hot-air stove provided.
Special Preparation for Cholera.—Handbills giving precautions against cholera distributed.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on November 8th, 1893, when formal recommendations were made as regards the following matters :—
(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) Sewerage.
(5.) Private streets and yards.
(6.) Houses unfit for habitation.

HOWDON-ON-TYNE URBAN DISTRICT.

(Northumberland.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—October 3rd 1894. *Area.*—9 acres. *Population.*—(1891) 962. *Inhabited Houses.*—(1891) 70. *Rateable Value.*—(1894) 2,385*l.* *Industries.*—Shipbuilding.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Bad, as a rule, some unfit for habitation; some huddling of houses on area; some overcrowding of persons in houses.
Water Supply.—Obtained from works of Newcastle and Gateshead Water Company; supply constant, and apparently of good quality.
Sewerage and Drainage.—Sewered throughout; sewers inadequately ventilated and without means for flushing. House slops thrown down yard gullies, as a rule.
Excrement Disposal and Removal.—Three-fourths of houses provided with "box closets"; remaining houses with privy middens; closets frequently filthy. Nightsoil removed twice or thrice a week if necessary by Sanitary Authority's scavengers.
Refuse Removal.—House refuse removed with nightsoil.
Registered Buildings and Trades :—

Common lodging-houses.	None.	—	Dairies - -	1	Not registered.
			Cowsheds - -		
Houses let in lodgings.	Many.	But not registered.	Milkshops -		
			Bakehouses -	1	Fair.
Slaughter-houses -	2	Unsatisfactory.	Offensive trades -	1	Unsatisfactory.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax.
Date of Approval of Byelaws as to :—Scavenging, none; Nuisances, none; Common lodging-houses, 1864; New streets and buildings, 1864; Slaughter-houses, none; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Charles Theodore Uvo Babst, L.R.C.P. and L.R.C.S.E. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Apparently not fully acquainted with his duties.

Inspector of Nuisances.—Robert Davidson. *Salary.*—15*l.* (with repayment). *Performance of Duties.*—Inefficient.

Repression of Nuisances.—Not efficiently dealt with.

Isolation Hospital.—Provided jointly with Wallsend and Willington Quay Urban District Councils.

Disinfecting Apparatus.—Provided at hospital.

Special Preparation for Cholera.—Inspector of Nuisances instructed to see that scavenging properly done; handbills with precautions against cholera distributed.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on November 1st, 1894, when formal recommendations were made as regards the following matters :—

(1.) Excrement disposal.
(2.) Condition of dwellings.
(3.) Byelaws.

HOYLAND NETHER URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—August 21st, 1894. *Area.*—2,085 acres. *Population.*—(1891) 11,006. *Inhabited Houses.*—(1891) 2,040. *Rateable Value.*—(1894) 23,690*l.* *Industries.*—Coal-mining, brick-making, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Condition, as a rule, good, but there are a considerable number of back-to-back houses; considerable amount of overcrowding of persons, especially at Platt's Common.

Water Supply.—From works of the Dearne Valley Water Company; water obtained from deep well sunk in Coal Measures at Broom Hill; supply constant, and apparently of good quality, although hard. A few wells still in use, some of which are liable to pollution.

Sewerage and Drainage.—No system of sewerage. Short lengths of sewers constructed from time to time totally unprovided with means of ventilation or flushing; sewage discharged into nearest water-course, ditch, or pond; sewage nuisances abound. House drains frequently defective; sink wastes, as a rule, disconnected.

Excrement Disposal and Removal.—Almost entirely by means of midden privies of exceedingly bad type, a source of dangerous nuisance. Cinder-sifting privies recently introduced in district in substitution for midden privies. Scavenging performed by Sanitary Authority's staff at intervals of about six weeks.

Refuse Removal.—House refuse removed at weekly intervals; ashes, &c. with midden contents. Scavenging not well performed, and many accumulations of filth observed at date of inspection.

Registered Buildings and Trades :—

Common lodging-houses.	None.	—	Dairies -	?	Not inspected or regulated
Houses let in lodgings.	None registered.		Cowsheds -		
Slaughter-houses -	6	Not regulated.	Milkshops -		
			Bakehouses -	?	Condition variable.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Good work has been done since the establishment of this Urban Authority, but there is much still to do.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1892; Common lodging-houses, 1892; New streets and buildings, 1892; Slaughter-houses, 1892; Offensive trades, 1892.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a*) Infectious Disease (Notification) Act, 1889; adopted 1892.
(*b*.) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c*.) Public Health Acts Amendment Act, 1890; adopted 1892.
(*d*.) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Wordsworth Leach Allott, M.R.C.S., L.R.C.P. *Salary.*—20*l*. (without repayment). *Performance of Duties.*—Moderately efficient.

Inspector of Nuisances.—W. Farrington, M.I.C.E. *Salary.*—150*l*. (without repayment). *Performance of Duties.*—Active and efficient.

Repression of Nuisances.—Fairly efficient.

Isolation Hospital.—By arrangement with Barnsley Corporation the Sanitary Authority send patients to the Kendray Hospital.

Disinfecting Apparatus.—Disinfecting apparatus at Kendray Hospital (five miles distant).

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on January 10th, 1895, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Excrement disposal.
(3.) Sewerage.
(4.) Condition of dwellings.
(5.) Dairies, cowsheds, and milkshops.

HUNSTANTON URBAN DISTRICT.

(Norfolk.)

Inspector.—Dr. S. M. Copeman. *Date of Inspection.*—March 28th, 1893. *Area.*—318 acres. *Population.*—(1891) 1,225. *Inhabited Houses.*—(1891) 208. *Rateable Value.*—(1892) 8,704*l*. *Industries.*—Seaside resort, fishing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Sanitary condition, fair; no crowding of house on area; no overcrowding of persons.

Water Supply.—Supplied from works of a private company. Source of water, a spring in the Chalk at Old Hunstanton; not filtered; supply constant and apparently of good quality. A few houses supplied from surface wells which are liable to pollution.

Sewerage and Drainage.—Sewered throughout; sewers ventilated by shafts passing up sides of houses; flushing effected occasionally by means of a water-cart. Sewage conducted to settling tanks half a mile to south of town, effluent passed into open ditch which, after course of about four miles, empties itself into the sea at Heacham. House drains fairly satisfactory.

Excrement Disposal and Removal.—Waterclosets practically universal; a few still hand flushed.

Refuse Removal.—House refuse stored in dust bins and removal of contents imposed upon occupiers; many large accumulations of filth noticed at date of inspection.

Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies - -	2	Fair.
			Cowsheds - -	2	
Houses let in lodgings.	None registered.		Milkshops -	1	
			Bakehouses -	3	Fair.
Slaughter-houses -	1	Unsatisfactory.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inactive.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1892.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1892.

(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1892.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Charles Richard Whitty, M.D., M.Ch. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Efficient, but hampered by inactivity of Sanitary Authority.

Inspector of Nuisances.—James Cookson Walker. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Not very satisfactory.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Copeman on October 11th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.

(2.) Excrement and refuse disposal.

(3.) Byelaws.

(4.) Action with regard to nuisances.

HUNSWORTH URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—May 18th, 1894. *Area.*—1,380 acres. *Population*—(1891) 1,400. *Inhabited Houses.*—(1891) 328. *Rateable Value.*—(1894) 8,538*l.* *Industries.*—Coal-mining, woollen manufacture, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many old, damp, and dilapidated houses; no crowding of dwellings upon area; apparently little overcrowding of persons.

Water Supply.—Obtained from works of Bradford Corporation; supply constant and apparently of good quality.

Sewerage and Drainage.—Sewered in piecemeal fashion; ventilation by surface grids; no means for flushing provided; sewage passed untreated into watercourses, which eventually discharge into River Calder. Slops usually thrown down old-fashioned stone or brick gullies outside house.

Excrement Disposal and Removal.—Almost universally in midden privies of worst type, middens uncovered, of large size, much below ground level and uncemented. Scavenging left to private owner or tenants and much neglected.

Refuse Removal.—House refuse disposed of in privy middens. Great accumulations of filth throughout district, middens emptied, or partly emptied at half-yearly intervals only.

Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies -	30	Some, fair others very bad.
			Cowsheds -		
Houses let in lodgings.	None registered.		Milkshops -	None.	—
			Bakehouses -	None.	—
Slaughter-houses -	None.	—	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax.

Date of Approval of Byelaws as to :—Scavenging, 1876; Nuisances, 1876; Common lodging-houses, none; New streets and buildings, 1876; Slaughter-houses, 1876; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.

(*c.*) Public Health Acts Amendment Act, 1890; not adopted.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—G. H. Moorhead, L.R.C.P. and L.R.C.S.I. *Salary.*—10*l.* (with repayment). *Performance of Duties.*—Active and intelligent, but receives little encouragement from the Sanitary Authority.

Inspector of Nuisances.—George Speight. *Salary.*—5*l.* (without repayment). *Performance of Duties.*—Inactive.

Repression of Nuisances.—Very defective.

Isolation Hospital.—Provided in combination with North Bierley, Tong, and Cleckheaton Urban Districts; 34 beds; arrangements excellent.

Disinfecting Apparatus.—Steam apparatus at Hospital.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on July 19th, 1894, when formal recommendations were made as regards the following matters :—

(1.) Excrement disposal.

(2.) Sewerage and house drainage.

(3.) Condition of dwellings.

(4.) Action with regard to nuisances.

HUNTINGDON BOROUGH.

(Huntingdonshire.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—September 20th, 1894. *Area.*—1,074 acres. *Population.*—(1891) 4,346. *Inhabited Houses.*—935. *Rateable Value.*—(1894) 15,760*l.* *Industries.*—Brewing, coach-building, shopkeeping, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Unsatisfactory as a rule, many damp, dilapidated, with thatched roofs without eavespouting and with filthy surroundings; many courts in centre of town; occasional over-crowding of persons.

Water Supply.—Public supply obtained from gravel beds underlying a meadow in the valley of the Ouse; not filtered; supply constant and apparently of good quality. Many houses supplied with water from shallow wells almost necessarily dangerously polluted.

Sewerage and Drainage.—Sewered; sewers well ventilated by iron shafts and efficiently flushed from street hydrants; sewage, after deposition of some solid matters, discharged untreated into River Ouse. House drains frequently defective; about half houses still fitted with old-fashioned bell traps.

Excrement Disposal and Removal.—Waterclosets universal, about one half furnished with waste-preventing cisterns, remaining half hand flushed and frequently in a filthy condition.

Refuse Removal.—Refuse stored in tubs or pails, and collected twice a week by a contractor.

Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies . -	4	Fair.
Houses let in lodgings.	None registered.		Cowsheds - -		
Slaughter-houses -	4	Condition variable.	Milkshops -	None.	—
			Bakehouses -	8	Fair.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Moderate.

Date of Approval of Byelaws as to:—Scavenging, 1888; Nuisances, none; Common lodging-houses, 1888; New streets and buildings, none; Slaughter-houses, 1888; Offensive trades, none.

Regulation as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Herbert Lucas, M.R.C.S., L.S.A. *Salary.*—24*l.* (with repayment). *Performance of Duties.*—Gives good advice.

Inspector of Nuisances.—Samuel Beresford. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fairly efficient.

Isolation Hospital.—An old brick house (the "Pest House") with 5 beds used for isolation of infectious diseases; arrangements very unsatisfactory.

Disinfecting Apparatus.—A coke oven provided near the "Pest House," inefficient.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on October 22nd, 1895, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Sewerage and drainage.
(4.) Excrement disposal.
(5.) Condition of dwellings.
(6.) Byelaws.

HYTHE BOROUGH.

(Kent.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—September 11th, 1894. *Area.*—2,620 acres. *Population.*—(1891) 4,347. *Inhabited Houses.*—(1891) 861. *Rateable Value.*—(1894) 20,946*l.* *Industries.*—Seaside resort; military school of musketry.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair condition on the whole; no crowding of dwellings upon area; formerly some overcrowding of persons in houses, none recently.

Water Supply.—Public water supply obtained from springs and wells sunk in the Greensand; quantity apparently insufficient, and supply for greater part of town intermittent; quality apparently good; not filtered.

Sewerage and Drainage.—Sewered throughout; ventilation by roadway grids and vertical shafts; flushing by automatic flushing tanks; sewage discharged into sea, at low tide, two miles west of centre of town.

House drainage satisfactory, sink pipes properly disconnected.

Excrement Disposal and Removal.—Almost entirely by waterclosets; in better-class houses provided with flushing system; in cottage property generally hand flushed. A few houses on outskirts of town still furnished with vault privies.

Refuse Removal.—House refuse removed by a contractor from each house once a week, and carted to a depôt where it is sorted.

Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies - -	10	Satisfactory.
			Cowsheds - -		
Houses let in lodgings.	2	Fair.	Milkshops -		
			Bakehouses -	7	Satisfactory.
Slaughter-houses -	5	Satisfactory.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improving.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, 1884; Slaughter-houses, 1884; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; several cases dealt with after report of Medical Officer of Health.

Medical Officer of Health.—Major K. Robinson, M.D., M.R.C.S. *Salary.*—35*l.* 10*s.* (with repayment). *Performance of Duties.*—Gives good advice and has done good work.

Inspector of Nuisances.—Thomas Miller. *Salary.*—45*l.* (with repayment). *Performance of Duties.*—Industrious and intelligent.

Repression of Nuisances.—Fair.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Arrangements made for erection of tent hospital for cholera, if necessary.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on September 26th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation accommodation.
(3.) Condition of dwellings.
(4.) Waterclosets.
(5.) Dairies, cowsheds, and milkshops.

IDLE URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—July 19th, 1894. *Area.*—1,689 acres. *Population.*—(1891) 7,118. *Inhabited Houses.*—(1891) 1,569. *Rateable Value.*—(1894) 26,512*l.* *Industries.*—Woollen and worsted manufacture; stone quarrying.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair condition as a rule; a large proportion of houses built back to back; occasional overcrowding of persons.

Water Supply.—In majority of instances the water supply is obtained from works of Bradford Corporation; a number of houses still dependent on wells or springs, some of which, from their situation, are liable to pollution.

Sewerage and Drainage.—Sewerage scheme just completed at date of inspection; ample arrangements for ventilation and flushing; sewage treated on sewage farm; effluent discharged into River Aire. House drainage, as a rule, unsatisfactory, but in course of reconstruction at date of inspection.

Excrement Disposal and Removal.—Ash closets in general use; as a rule badly constructed; some especially offensive arrangements for excrement disposal in use at some of the mills.

Refuse Removal.—House refuse and privy contents removed by contractors under the Sanitary Authority at monthly intervals; work apparently carried out in satisfactory manner.

Registered Buildings and Trades:—

Common lodging-houses.	1	Unoccupied.	Dairies -	80	Some confined dirty and badly drained.
Houses let in lodgings.	None registered.		Cowsheds -		
			Milkshops -		
			Bakehouses -	1	Good.
Slaughter-houses -	12	Badly constructed.	Offensive trades -	1	Bad (dye works).

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fairly active.

*Date of Approval of Byelaws as to:—*Scavenging, none; Nuisances, 1894; Common lodging-houses, 1894; New streets and buildings, 1894; Slaughter-houses, 1894; Offensive trades, 1894.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1894.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., and V. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Richard Honeyburn, M.D. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Very good.

Inspector of Nuisances.—William Nesfield, Cert. San. Inst. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Very efficient.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—Provided in combination with Pudsey, Eccleshill, Calverley, and Farsley; 28 beds; satisfactory arrangements.

Disinfecting Apparatus.—Steam disinfecting apparatus provided at hospital.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on August 30th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Excrement and refuse disposal.
(3.) Slaughter-houses, dairies, and cowsheds.

ILFRACOMBE URBAN DISTRICT.

(Devonshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—May 16th–18th, 1894. *Area.*—5,627 acres.—*Population* (1891) 7,692. *Inhabited Houses.*—(1891) 1,486. *Rateable Value.*—(1894) 43,900*l.* *Industries.*—Seaside resort, fishing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Town ill supplied with dwellings for working classes; some very unsatisfactory cottages at Compass Hill; some crowding of houses on area at Compass Hill and Paradise Court; apparently some overcrowding of persons in houses.

Water Supply.—Public water supply obtained by impounding a stream at a point about one and a half miles from the town; water filtered through sand and gravel, supply constant and apparently of good quality. Some outlying houses obtain water supply from wells. The water supply for the village of Hele is very defective.

Sewerage and Drainage.—Sewered throughout; ample ventilation provided for the more modern sewers; some of older sewers insufficiently ventilated; flushing arrangements satisfactory; outfalls into sea below low-water mark. House drainage fairly satisfactory.

Excrement Disposal and Removal.—Waterclosets universal in town proper, a few still unprovided with proper means for flushing. In outlying districts excrement disposed of in privies with fixed receptacles. In village of Hele many houses without any means for excrement disposal.

Refuse Removal.—House refuse stored in pans, boxes, &c. and removed daily from principal parts of district, and from remainder at weekly intervals.

Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies -	30	Fair.
Houses let in lodgings.	None registered.		Cowsheds -		
Slaughter-houses -	8	Fair.	Milkshops -		
			Bakehouses -	?	Good.
			Offensive trades -	None.	

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very desirous to improve their district.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1872; Common lodging-houses, 1872; New streets and buildings, 1885; Slaughter-houses, 1889; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Houses of the Working Classes Act, 1890; a large amount of work done and in progress under this Act.

Medical Officer of Health.—Edwyn J. Slade King, M.D., L.R.C.P., M.R.C.S., D.P.H. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Does a certain amount of work in the district.

Inspector of Nuisances.—George W. Crockswell, Cert. San. Inst. *Salary.*—70*l.* (with repayment). *Performance of Duties.*—Active and intelligent; does good work.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—A farmhouse at Mullacott, fitted with accommodation for four patients, and a private house in Ilfracombe with accommodation for six patients, adapted as temporary hospitals; both are unsuitable for the purpose.

Disinfecting Apparatus.—None. A room at the Mullacott "hospital" used as a "fumigating chamber."

Special Preparation for Cholera.—Notices and handbills giving precaution against cholera issued in 1893, and the medical men in the town appointed to act in case of emergency.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on August 29th, 1894, when formal recommendations were made as regards the following matters :—

(1.) Isolation provision.
(2.) Water supply.
(3.) House drainage.
(4.) Courts and insanitary houses.

ILKESTON BOROUGH.

(Derbyshire.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—September 22nd, 1893. *Area.*—2,526 acres. *Population.*—(1891) 19,744. *Inhabited Houses.*—(1891) 3,776. *Rateable Value.*—(1893) 70,827*l.* *Industries.*—Coal mining, iron smelting, lace making, brick making and boiler making.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Chiefly consist of older houses which have been allowed to go out of repair and which are without eaves-spouting, are very damp, dirty, and dilapidated ; not much crowding of houses upon area ; overcrowding of persons considerable at date of inspection.

Water Supply.—Public supply obtained from four sources : (*a*) Nutbrook ; (*b*) a coal pit at Kirk Hallam ; (*c*) spring near reservoir ; (*d*) Queen Street well ; water filtered through sand and gravel ; supply constant ; quality of water very doubtful, Nutbrook is much polluted with drainage, &c., and water from sources (*b*) and (*d*) liable to dangerous pollution.

Sewerage and Drainage.—Sewered throughout ; ventilation of sewers by surface gratings very imperfect ; arrangements for flushing absent ; outfall of main sewer at sewage farm, but sewage of houses, situate at lower level than main sewer, passed directly into River Erewash. House drainage very defective except in houses built within last two or three years.

Excrement Disposal and Removal.—About half houses provided with midden privies and half with pail closets ; pails emptied by Sanitary Authority at weekly intervals, but middens only when application made by tenants. Privy middens at date of inspection generally contained enormous accumulations of filth, and were source of dangerous nuisance.

Refuse Removal.—House refuse removed by Sanitary Authority in some cases, but scavenging very much neglected, and accumulations of refuse a marked feature. Excrement and refuse carted to two tips situate within Borough, and source of considerable nuisance.

Registered Buildings and Trades :—

Common lodging-houses.	5	Very bad.	Dairies -	40	Fair.
Houses let in lodgings.	None registered.		Cowsheds -		
Slaughter-houses -	24	Fair.	Milkshops -	12	
			Bakehouses -	14	Very bad.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very defective.

Date of Approval of Byelaws as to :—Scavenging, 1875 ; Nuisances, 1875 ; Common lodging-houses, 1875 ; New streets and buildings, 1875 ; Slaughter-houses, 1875 ; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889 ; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890 ; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890 ; adopted 1893.
(*d.*) Housing of the Working Classes Act, 1890 ; no action taken.
Medical Officer of Health.—Joseph Carroll, M.B., C.M., D.P.H. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Energetic, but hampered by want of support from Sanitary Authority.
Inspector of Nuisances.—Thomas Evans. *Salary.*—110*l.* (with repayment). *Performance of Duties.*—Fair, but most of his time taken up with supervision of scavenging.
Repression of Nuisances.—Very defective.
Isolation Hospital.—Temporary wooden building with 18 beds, provided in 1888, in consequence of epidemic of small-pox ; arrangements defective.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on October 31st, 1893, when formal recommendations were made as regards the following matters :—
(1.) Water supply.
(2.) Sewerage.
(3.) House drainage.
(4.) Excrement disposal.
(5.) Inspection of nuisances.
(6.) Byelaws.

IPSWICH COUNTY BOROUGH.

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—July 4th, 1894. *Area.*—8,110 acres. *Population.*—(1891) 57,360. *Inhabited Houses.*—(1891) 12,307. *Rateable Value.*—(1894) 188,037*l.* *Industries.*—Boot, shoe, stay, and machinery manufacturers, corn and linseed mills, manure works, ship-building and agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Older houses very defective, many damp, dilapidated, filthy, and unfit for human habitation ; much crowding of dwellings upon area ; many courts and yards frequently unpaved and filthy ; occasional overcrowding of persons in houses.
Water Supply.—Public water supply from two sources, (*a*) two bores into Chalk situate in lower part of town, about 300 yards from north bank of estuary of River Orwell ; (*b*) subsoil water springs collected from gathering grounds situate in suburbs of town, and portions of which built over. No filtration ; supply practically constant ; quality of water from bores apparently good, but from gathering grounds quality very doubtful. Some shallow private wells still in existence, so situate as to be liable to pollution.
Sewerage and Drainage.—Systematically sewered (except Stoke on south side of river) ; ventilation by surface grids, and vertical pipes imperfect ; arrangements made for flushing sewers ; outfall into tidal river twice a day at ebb tide. House drainage in newer houses satisfactory ; in older parts of town very unsatisfactory.
Excrement Disposal and Removal.—Principally effected by means of midden privies of most objectionable type ; a source of serious nuisance. Such houses as are not provided with midden privies are furnished with waterclosets, with separate cisterns, but very few soil pipes are ventilated. Middens emptied at irregular intervals by Sanitary Authority "when full." Great accumulation of excremental filth observed at date of inspection.

Refuse Removal.—When houses are provided with waterclosets, house refuse is disposed of in galvanized iron pails, and removed weekly. In other cases house refuse is thrown into middens.

Registered Buildings and Trades:—

Common lodging-houses.	20	Very bad, overcrowded, very filthy, old, dilapidated.	Dairies - - Cowsheds - - Milkshops -	?	Fair.
			Bakehouses -	111	Fair; several below ground level.
Houses let in lodgings.	None registered.				
Slaughter-houses -	30	Fair.	Offensive trades -	?	Moderate.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Moderately efficient; signs of improvement recently.

Date of Approval of Byelaws as to:—Scavenging, 1859; Nuisances, 1859; Common lodging-houses, none; New streets and buildings, 1859; Slaughter-houses, 1859; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—George Sampson Elliston, M.R.C.S., L.S.A. *Salary.*—200*l.* (without repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—George Moss. *Salary.*—(?) (without repayment). *Performance of Duties.*—Energetic.

Repression of Nuisances.—Moderately efficient.

Isolation Hospital.—Permanent hospital, provided with accommodation for 36 patients; arrangements satisfactory.

Disinfecting Apparatus.—Goddard and Massey's dry-air apparatus.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on August 9th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Excrement disposal.
(3.) Sewerage and house drainage.
(4.) Condition of dwellings.
(5.) Common lodging-houses.

KEIGHLEY BOROUGH.

(Yorkshire, W.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—February 17th, 1894. *Area.*—1,812 acres. *Population.*—(1891) 30,810. *Inhabited Houses.*—(1891) 6,411. *Rateable Value.*—(1894) 94,355*l.* *Industries.*—Woollen manufacture, machine making.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair condition as a rule, some cellar dwellings; about one third of houses back-to-back; some crowding of houses on area in older parts of town; considerable overcrowding of persons in houses.

Water Supply.—Public supply obtained from moorland gathering grounds; water filtered through crushed sandstone and broken sandstone; supply constant and of good quality; untreated water acts powerfully on lead pipes. In outlying portions of district (*e.g.*, Park Lane, Calversike Hill, Thwaits, Thwaits Brow, and Ingrow) many houses obtain supply from spring and dipping places, many of which liable to serious contamination.

Sewerage and Drainage.—Sewering incomplete, of varying construction, sewers imperfectly ventilated and not systematically flushed; sewage all discharged into watercourses without treatment. House drainage improved of recent years, sink wastes as a rule disconnected, many old-fashioned stone catch-pits.

Excrement Disposal and Removal.—Tub system in almost universal use throughout district; a few privy middens, waterclosets and waste waterclosets. Excrement emptied weekly by staff of Sanitary Authority at night time.

Refuse Removal.—House refuse and ashes stored in tubs and removed at weekly intervals by staff of Sanitary Authority in the day time.

Registered Buildings and Trades:—

Common lodging-houses.	13	Fair.	Dairies - -	1	Very bad, undrained, ill-ventilated, overcrowded.
Houses let in lodgings.	None registered.		Cowsheds - -	25	
Slaughter-houses -	9	Fair.	Milkshops - -	31	Fair.
			Bakehouses -	5	Fair.
			Offensive trades -	5	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very dilatory and inactive; some improvement recently.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, 1889; New streets and buildings, 1892; Slaughter-houses, 1889; Offensive trades, 1890.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1889.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890 (chicken-pox added 1891).

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III. and V. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—William Scatterty, M.D., C.M. *Salary.*—75*l.* (without repayment). *Performance of Duties.*—Active and energetic.

Inspector of Nuisances.—William C. Haller. *Salary.*—112*l.* 10*s.* (without repayment). *Performance of Duties.*—Efficient.

Repression of Nuisances.—Fairly efficiently dealt with.

Isolation Hospital.—Temporary hospital for treatment of small-pox, the property of the Keighley and Bingley Joint Hospital Board. Permanent hospital for infectious diseases to be erected shortly.

Disinfecting Apparatus.—Washington Lyons' steam disinfector provided at hospital.

Special Preparation for Cholera.—Special attention given to flushing of drains, lime washing of dirty houses, &c. in 1893.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on April 25th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.

(2.) Sewerage.

(3.) Condition of houses.

(4.) Dairies and cowsheds and milkshops.

KENDAL BOROUGH.

(WESTMORELAND.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—March 9th, 10th, 1894. *Area.*—2,622 acres. *Population.*—(1891) 14,430. *Inhabited Houses.*—(1891) 2,943. *Rateable Value.*—(1893) 50,380*l.* *Industries.*—Carpet making, boot making, iron founding, card and tobacco manufactures, agriculture.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Many old, dilapidated, and dirty dwellings; numerous courts and yards; occasional overcrowding of persons in houses.

Water Supply.—From works of the Kendal Union Gas and Water Company; water partly obtained from gathering ground and partly pumped from River Kent; no filtration; supply constant.

Sewerage and Drainage.—Sewered throughout; efficiently ventilated; sewage, after passing through settling tanks, treated by irrigation on 16 acres of land; effluent discharged into River Kent. House drainage fairly satisfactory.

Excrement Disposal and Removal.—About half the houses are provided with waterclosets and the remainder with midden privies; middens frequently of bad type, situate in close proximity to dwellings. Midden contents removed at irregular intervals by scavengers employed by Sanitary Authority; scavenging inefficiently performed.

Refuse Removal.—House refuse disposed of in privy middens and in ashpits, and removed at irregular intervals by scavengers; work inefficiently performed.

Registered Buildings and Trades:—

Common lodging-houses.	5	Moderate.	Dairies - -	45	Unsatisfactory.
Houses let in lodgings.	None registered.		Cowsheds - -		
			Milkshops -		
			Bakehouses -	?	Fair.
Slaughter-houses -	2	Fair.	Offensive trades -	2	Fair.

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Dilatory.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1864; Common lodging-houses, 1851; New streets and buildings, 1864; Slaughter-houses, 1859; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Robert Musgrave Craven, M.R.C.S., L.R.C.P.E., D.P.H. *Salary.*—95*l.* (with repayment). *Performance of Duties.*—Very energetic.

Inspector of Nuisances.—Daniel Cash Goddart. *Salary.*—78*l.* (with repayment). *Performance of Duties.*—Somewhat neglected lately, (recently ill).

Repression of Nuisances.—Recurring nuisances not efficiently dealt with.

Isolation Hospital.—Hospital provided with accommodation for 16 beds.

Disinfecting Apparatus.—Nelson gas disinfecting apparatus only provision.

Special Preparation for Cholera.—Handbills giving precautions against cholera distributed throughout district.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on June 16th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement disposal.
(2.) Inspection of nuisances.
(3.) Condition of dwellings.
(4.) Dairies, cowsheds, and milkshops.
(5.) Common lodging-houses.
(6.) Byelaws.

KIDWELLY BOROUGH.

(Carmarthenshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—April 21st, 1893. *Area.*—3,165 acres. *Population.*—(1891), 2,732. *Inhabited Houses.*—(1891) 549. *Rateable Value.*—(1892) 10,000*l.* *Industries.*—Tin-plate works, brickworks.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many very old houses with thatched roofs, and floors of slate slabs, or of ashes and cement; not much crowding of houses upon area; no overcrowding of persons.

Water Supply.—Public supply obtained from a well at Coeffynonsul; supply intermittent and insufficient in dry weather; quality apparently fair; outlying districts supplied from private wells.

Sewerage and Drainage.—No system of sewerage; slops thrown into yards to find their way into roadside gutters and highway drains. Practically no house drainage; open channels, as a rule, convey slops to rubble highway drains.

Excrement Disposal and Removal.—Chiefly by means of earth-closets; scavenging left to occupiers and perfunctorily performed.

Refuse Removal.—House refuse disposed of in ashpits, or in gardens; removal left to occupiers.

Registered Buildings and Trades:—

Common lodging-houses.	1	Not occupied at date of inspection.	Dairies - - -	None.	—
			Cowsheds - -	None.	—
			Milkshops - -	None.	—
Houses let in lodgings.	None registered.		Bakehouses -	?	—
			Offensive trades -	None.	—
Slaughter-houses -	1	Good.			

B.—Sanitary Administration.

Administration by Sanitary Authority.—Moderate.

Date of Approval of Byelaws as to:—Scavenging, 1891; Nuisances, 1891; Common lodging-houses, 1891; New streets and buildings, 1891; Slaughter-houses, 1891; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—David Jones, M.R.C.S., L.R.C.P.E. *Salary.*—35*l.* (with repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—William Randall. *Salary.*—(?) *Performance of Duties.*—Newly appointed at date of inspection.

Repression of Nuisances.—Inefficient.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on January 29th, 1894, when formal recommendations were made as regards the following matters :—

(1.) Isolation provision.
(2.) Water supply.
(3.) Courts and insanitary houses.
(4.) Scavenging.
(5.) Action in regard to nuisances.

KNARESBOROUGH URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—April 6th, 1894. *Area.*—470 acres. *Population.*—(1891) 4,649. *Inhabited Houses.*—(1891) 1,140. *Rateable Value.*—(1893) 11,722*l.* *Industries.*—Agriculture, linen manufacture, flax dressing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Condition extremely bad, as a rule ; houses old, dilapidated, damp, and frequently filthy ; number of courts and some back-to-back houses ; occasional overcrowding of persons in houses.

Water Supply.—Public supply obtained from River Nidd, intake immediately above weir at the linen mill ; filtered through gravel and sand ; supply constant ; water apparently of fair quality.

Sewerage and Drainage.—Partially sewered ; older sewers without means for ventilation and flushing ; newer sewers properly ventilated ; sewage discharged untreated into River Nidd. House drainage defective in many cases, but sink waste generally disconnected.

Excrement Disposal and Removal.—Chiefly by privy middens of bad type ; a few waterclosets provided with separate cisterns ; scavenging performed by private owners under superintendence of Inspector of Nuisances ; scavenging very badly performed, and accumulations of filth in over-full middens a marked feature in the district.

Refuse Removal.—Removed with contents of middens ; the middens are only emptied, as a rule, once or twice a year.

Registered Buildings and Trades :—

Common lodging-houses.	6	Very bad.	Dairies - - } Cowsheds - - }	?	Very bad.
Houses let in lodgings.	None registered.		Milkshops -	None.	—
			Bakehouses -	None.	—
Slaughter-houses -	9	Fair.	Offensive trades -	2	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very defective.

Date of Approval of Byelaws as to :—Scavenging, none ; Nuisances, 1889 ; Common lodging-houses, 1889 ; New streets and buildings, 1889 ; Slaughter-houses, 1889 ; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889 ; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890 ; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890 ; Parts I., II., III., and V. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890 ; no action taken.

Medical Officer of Health.—Ian Donald Mackay, M.B., C.M. *Salary,* 60*l.* (with repayment). *Performance of Duties.*—New appointment.

Inspector of Nuisances.—John Hanshall. *Salary*, 40*l.* (with repayment)
Performance of Duties.—Energetic, but hampered by inaction of Sanitary Authority.
Repression of Nuisances.—Very defective.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on June 26th, 1894, when formal recommendations were made as regards the following matters :—

(1.) Water supply.
(2.) Isolation provision.
(3.) Excrement disposal.
(4.) State of dwellings.
(5.) Dairies and cowsheds.

KNOTTINGLEY URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—January 2nd–3rd, 1894. *Area.*—1,481 acres. *Population.*—(1891) 5,425. *Inhabited Houses.*—(1891) 1,174. *Rateable Value.*—(1893) 16,712*l.* *Industries.*—Potteries, glass-bottle works, tar distilleries.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Some damp and filthy cottages, but dwellings fair on the whole; some confined courts and some back-to-back houses; no overcrowding of persons in houses.

Water Supply.—No public supply; inhabitants dependent upon rain-water, stored in tanks, or upon deep or shallow wells, many of the latter so situate as to be liable to dangerous pollution.

Sewerage and Drainage.—No sewerage; sewage passes into loose walled stone drain, and then into an open ditch. House drains generally stone culverts with untrapped gullies.

Excrement Disposal and Removal.—Usually by means of midden privies of bad type, a dangerous source of nuisance. Middens emptied by contractor under Sanitary Authority at quarterly intervals.

Refuse Removal.—House refuse removed with midden contents; scavenging much neglected, the majority of middens at time of inspection found to be over-full.

Registered Buildings and Trades :—

Common lodging-houses.	2	Clean.	Dairies - -	25	Some dark, ill ventilated, and dirty.
Houses let in lodgings.	None registered.		Cowsheds - -		
Slaughter-houses -	12	Clean.	Milkshops - -		
			Bakehouses -	2	Fair.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Recently formed Authority energetic; preparing schemes for water, sewerage, and isolation hospital.

Date of Approval of Byelaws as to :—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; two houses closed.

Medical Officer of Health.—Thomas Percival, M.R.C.S., L.S.A. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Active and efficient.

Inspector of Nuisances.—Thomas Edward Ingle. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Indifferent.

Repression of Nuisances.—Not efficiently dealt with.

Isolation Hospital.—None. (Joint Hospital Board recently formed.)

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Handbills giving precautions against cholera issued.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on February 26th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Sewerage and house drainage.
(4.) Excrement and refuse disposal.
(5.) Dairies, cowsheds, and milkshops.

LEADGATE URBAN DISTRICT.

(Durham.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—November 10th and 14th, 1893. *Area.*—1,838 acres. *Population.*—(1891) 4,456. *Inhabited Houses.*—(1891) 859. *Rateable Value.*—(1893) 7,928*l.* *Industries.*—Coal mining, iron working, and agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Older houses of the customary old Durham colliery-row pattern. Condition of newer dwellings fair, as a rule, with inadequate family accommodation; no crowding of dwellings upon area; frequent overcrowding of persons in houses.

Water Supply.—From works of Consett Water Company; water obtained from moorland gathering ground; no filtration; supply constant; water much discoloured, and evidently stands much in need of filtration.

Sewerage and Drainage.—Sewered; sewers inadequately ventilated; arrangements made to secure regular flushing; sewage discharged into watercourses after being passed through "depositing tanks." House drainage fair, as a rule, by means of outside sink gullies.

Excrement Disposal and Removal.—Midden privies of bad type, sometimes in dangerous proximity to dwellings; scavenging performed by owners or occupiers; when done by occupiers, neglected.

Refuse Removal.—House refuse removed with midden contents.

Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies - -	42	Very bad.
			Cowsheds - -		
Houses let in lodgings.	None registered.		Milkshops -	None.	—
			Bakehouses -	1	Fair.
Slaughter-houses -	6	Very bad.	Offensive trades -	1	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very lax.
Date of Approval of Byelaws as to:—Scavenging, 1866; Nuisances, 1866; Common lodging-houses, none; New streets and buildings, 1866; Slaughter-houses, 1866; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—George Renton, M.D. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Good, so far as he has time to devote to them.
Inspector of Nuisances.—Thomas Smith Longstaff. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Inactive.
Repression of Nuisances.—Not efficiently dealt with.
Isolation Hospital.—Provided in combination with Consett Urban, Stanley Urban, and Lanchester Rural.
Disinfecting Apparatus.—Provided at hospital.
Special Preparation for Cholera.—Handbills, giving precautions against cholera, distributed.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on December 21st, 1893, when formal recommendations were made as regards the following matters:—
(1.) Excrement and refuse disposal.
(2.) Scavenging.
(3.) Surface drainage.
(4.) Slaughter-houses, dairies, and cowsheds.
(5.) Byelaws.
(6.) Sewage disposal.

LEVENSHULME URBAN DISTRICT.

(Lancashire.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—July 10th, 1894. *Area.*—606 acres. *Population.*—1891) 5,506. *Inhabited Houses.*—(1891) 1,134. *Rateable Value.*—(1894) 26,999*l.* *Industries.*—Print factory. District largely residential suburb of Manchester.

A.—Sanitary Circumstances.

Dwellings of the Poor.—As a rule clean and well cared for; very little crowding of dwellings upon area; rarely overcrowding of persons in houses.
Water Supply.—Public supply obtained from the mains of the Manchester Corporation, supply constant and apparently of good quality.
Sewerage and Drainage.—Sewered throughout; ample arrangements for ventilation and flushing; sewage treated by precipitation and irrigation upon a sewage farm. House drainage satisfactory as a rule.
Excrement Disposal and Removal.—In older houses by means of privy middens of bad type, sometimes placed in dangerous proximity to dwellings; in newer houses and better-class houses by waterclosets, each with proper flushing apparatus; recently some houses provided with waste-water closets. Scavenging of middens effected by Sanitary Authority's staff about once in six weeks.
Refuse Removal.—House refuse disposed of in middens or in fixed ash-pits, scavenged by Sanitary Authority at intervals of six weeks.

Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies - -	15	Satisfactory.
Houses let in lodgings.	None registered.		Cowsheds - -		
Slaughter-houses -	3	Satisfactory.	Milkshops - -	10	Do.
			Bakehouses -	3	Do.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fair, but somewhat behind the times.

Date of Approval of Byelaws as to:—Scavenging, 1865; Nuisances, 1865; Common lodging-houses, 1865; New streets and buildings, 1865; Slaughter-houses, 1865; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Herbert Ebenezer Edlin, M.R.C.S., L.R.C.P. *Salary.*—20*l.* (without repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—Robert Hughes. *Salary.*—10*l.* (without repayment). *Performance of Duties.*—Fair, but chiefly employed in seeing after scavenging.

Repression of Nuisances.—Fairly satisfactory.

Isolation Hospital.—Agreement with Stockport Corporation for isolation of cases of infectious diseases in Stockport Sanatorium, on payment of fee of 2*l.* 12*s.* 6*d.* per week.

Disinfecting Apparatus.—None; but use made of disinfecting apparatus at Stockport.

Special Preparation for Cholera.—Arrangements for action in case of introduction of cholera.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on August 24th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement and refuse disposal.
(2.) Isolation accommodation.
(3.) Adoption of recent Acts relative to public health.

LINCOLN CITY AND COUNTY BOROUGH.

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—May 4th, 1894. *Area.*—3,747 acres. *Population.*—(1891) 41,491. *Inhabited Houses.*—(1891) 8,557. *Rateable Value.*—(1894) 148,317*l.* *Industries.*—Manufacture of iron goods, agriculture, corn mills, tanning.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Dwellings of artisans, as a rule, well built; dwellings of poorer classes old, and often dilapidated; much crowding of houses in courts and alleys on both sides of River Witham as it traverses the city; occasional overcrowding of persons.

Water Supply.—Public supply obtained from (*a*) River Witham, (*b*) the Pike Drain, (*c*) the Prial Drain, and (*d*) Railway Ballast Pits; all sources, with the exception of the last, liable to contamination of a dangerous character; filtration through sand and gravel defective in some respects; supply constant.

Sewerage and Drainage.—Sewered throughout; satisfactory arrangements for ventilation and flushing; sewage, after treatment with lime and sulphate of iron, used for irrigation on 53 acres of land; effluent, which is very foul, discharged into Stencil Dyke, a tributary of the River Witham. House drainage very satisfactory; sink pipes properly disconnected and house drains ventilated.

Excrement Disposal and Removal.—Chiefly effected by means of water-closets, which are usually situate outside houses, and the soil pipes properly ventilated and provided with separate cisterns. In addition there are a number of pail closets and privy vaults still remaining in the City. The contents of privies removed by Sanitary Authority's own staff in central parts of City, but in outlying portions duty of removal imposed upon tenants.

Refuse Removal. — House refuse disposed of in ashpits or ashtubs, contents of which removed weekly in summer, and fortnightly at other times. Removal of refuse apparently efficiently performed.

Registered Buildings and Trades:—

Common lodging-houses.	4	Very bad.	Dairies - -	100	Indifferent.
Houses let in lodgings.	None registered.		Cowsheds - -		
Slaughter-houses -	37	Generally dirty and dilapidated, especially those which belong to Sanitary Authority.	Milkshops - -		
			Bakehouses -	27	Fair.
			Offensive trades -	2	Good.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very defective as a rule.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1866; Common lodging-houses, 1882; New streets and buildings, 1880; Slaughter-houses, 1866; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., and V. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Charles Harrison, M.D., D.P.H. *Salary.*—40*l.* (without repayment). *Performance of Duties.* — Active and energetic, and gives good advice.

Inspector of Nuisances.—John Giles. *Salary.*—100*l.* (without repayment). *Performance of Duties.*—Unsatisfactory.

Repression of Nuisances.—Fairly efficient.

Isolation Hospital.—Temporary wooden building for isolation of small-pox; sewer arrangements very unsatisfactory.

Disinfecting Apparatus.—None.

Special Preparation for Cholera. — Scavenging performed at more frequent intervals.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on May 29th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Excrement disposal.
(4.) Condition of dwellings.
(5.) Action with regard to nuisances.

LLANDUDNO URBAN DISTRICT.

(CARNARVONSHIRE.)

Inspector.—Dr. R. J. Recce. *Date of Inspection.*—February 27th, 1894. *Area.*—2,835 acres. *Population.*—(1891) 7,348. *Inhabited Houses.*—(1891) 1,246. *Rateable Value.*—(1893) 61,776*l.* *Industries.*—Seaside resort.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Condition of dwellings fair on the whole, but many with insanitary surroundings; some back-to-back houses; much overcrowding of persons in houses, owing to insufficiency in number of houses.

Water Supply.—Public supply partly obtained from Lake Dulyn and partly from springs at Great Orme; not filtered; supply constant, and apparently of good quality.

Sewerage and Drainage.—Sewered throughout; separate systems for surface water and for sewage; arrangement made to secure proper ventilation and flushing; sewage discharged into sea. Some defects in levels of sewers in places. House drainage satisfactory as a rule.

Excrement Disposal and Removal.—Waterclosets are almost universally in use, each provided with a three-gallon flushing cistern. In the outlying districts excrement is disposed of in vault or midden privies, the scavenging of which is left to tenants, and in some cases neglected.

Refuse Removal.—House refuse and ashes disposed of in fixed ashpits, from which removed by scavengers once in 10 days, or oftener, if receptacles become full.

Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies - -	None.	—
			Cowsheds - -	20	Fair.
Houses let in lodgings.	None registered.		Milkshops - -	1	"
			Bakehouses -	10	"
Slaughter-houses -	9	Very bad.	Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Active and progressive.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1876; Common lodging-houses, 1878; New streets and buildings, 1877; Slaughter-houses, 1877; Offensive trades, none.

Regulations at to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Hugh Rees, M.R.C.S. *Salary.*—70*l.* (with repayment). *Performance of Duties.*—Ill at date of inspection.

Inspector of Nuisances.—Daniel Edwards. *Salary.*—85*l.* (with repayment). *Performance of Duties.*—Very good.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—Provided in 1880–81; 13 beds; ambulance unsatisfactory.

Disinfecting Apparatus.—Ransome's dry-air apparatus at the hospital; not satisfactory.

Special Preparation for Cholera.—Handbills giving precautions against cholera distributed in 1893; choleraic diarrhœa added to notifiable diseases in 1893.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on March 1st, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation hospital.
(2.) Disinfecting apparatus.
(3.) Ambulance.
(4.) Water supply.
(5.) Sewerage.
(6.) Courts and insanitary houses.
(7.) Action with regard to nuisances.
(8.) Overcrowding.
(9.) Byelaws.
(10.) Dairies, cowsheds, and milkshops.

LLANELLY URBAN DISTRICT.

(Carmarthenshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—April 18th, 1893. *Area.*—2,107 acres. *Population.*—(1891) 23,937. *Inhabited Houses.*—(1891) 4,448. *Rateable Value.*—(1892) 71,709*l*. *Industries.*—Tin plate, copper, and lead works; iron founding, chemical works, and collieries.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair condition as a rule; some crowding of dwellings upon area, which is being remedied; occasional overcrowding of persons in houses.

Water Supply.—Public supply from the River Cleidi; no filtration; supply constant; quality apparently satisfactory.

Sewerage and Drainage.—Sewered throughout; ventilation effected by surface grids, which are apparently insufficient in number; arrangements for flushing imperfect. Sewage discharged into sea at low-water mark. House drainage fair, slops poured down gullies in yards, as a rule; soil pipes imperfectly ventilated.

Excrement Disposal and Removal.—Chiefly by means of waterclosets furnished with separate cisterns for flushing. About 180 pail closets in district, the contents of which are collected by the Sanitary Authority, and discharged directly into the sewers.

Refuse Removal.—House refuse placed in street outside houses, and collected by dust carts early each morning.

Registered Buildings and Trades:—

Common lodging-houses.	5	Indifferent.	Dairies -	?	Fair.
Houses let in lodgings.	None registered.		Cowsheds -		
			Milkshops -		
			Bakehouses -	?	—
Slaughter-houses -	1	Fair.	Offensive trades -	1	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Active and progressive.

Date of Approval of Byelaws as to:—Scavenging, 1858; Nuisances, 1858; Common lodging-houses, 1893; New streets and buildings, 1858; Slaughter houses, 1893; Offensive trades, 1893.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; provisions covered by Local Act dated 1888.

(*b*) Infectious Diseases (Prevention) Act, 1890; partly covered by Local Act dated 1888.

(*e.*) Public Health Acts Amendment Act, 1890; Parts I., III., IV., and V. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; many houses closed.

Medical Officer of Health.—Sydney J. Roderick, M.B., C.M. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—New appointment; careful and painstaking.

Inspector of Nuisances.—William Thomas Rees. *Salary.*—100*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fairly efficiently dealt with.

Isolation Hospital.—None (Dæcker hut for eight beds in store).

Disinfecting Apparatus.—Washington Lyons' portable steam disinfecting apparatus provided.

Special Preparation for Cholera.—Handbills, giving precautions against cholera, printed in English and Welsh, distributed to every house; special committee appointed to take immediate action in emergency.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on August 22nd, 1893, when a formal recommendation was made with respect to isolation provision.

LONG SUTTON URBAN DISTRICT.

(Lincolnshire.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—September 8th, 1894. *Area.*—3,923 acres. *Population.*—(1891) 2,439. *Inhabited Houses.*—(1891) 575. *Rateable Value.*—(1893) 9,788*l.* *Industries.*—Agriculture, market gardening, shopkeeping.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Condition unsatisfactory, many houses dilapidated, badly ventilated, damp, and with filthy surroundings; no crowding of houses on area; no noteworthy overcrowding of persons in houses.

Water Supply.—Obtained from private surface wells and from rain water; many of the wells are so situate as to be liable to contamination from privy pits, defective drains, gullies, and catch pits; rain water, stored in underground tanks, liable to pollution from similar source as wells.

Sewerage and Drainage.—No system of sewerage; the overflow from a number of catch pits in connexion with house drains discharged into the highway drains or into watercourses. House drainage very defective; frequent sewage nuisances.

Excrement Disposal and Removal.—By means of privy pits or vaults, which give rise to much nuisance. Privies scavenged by a contractor under Sanitary Authority and are emptied twice or thrice a year, or oftener when they overflow.

Refuse Removal.—Refuse stored in open ashpits or in heaps on ground, large accumulation of refuse throughout district; removal of refuse left to owners and occupiers and much neglected.

Registered Buildings and Trades :—

Common lodging-houses.	2	Fair.	Dairies - -	4	?
			Cowsheds -		
Houses let in lodgings.	None registered.		Milkshops - -		
			Bakehouses -	?	Fair.
Slaughter-houses -	6	Variable.	Offensive Trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very inefficient.

Date of Approval of Byelaws as to :—Scavenging, 1860 ; Nuisances, 1860 ; Common lodging-houses, 1860 ; New streets and buildings, 1860 ; Slaughter-houses, 1860 ; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889 ; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890 ; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890 ; not adopted.
(*d.*) Housing of the Working Classes Act, 1890 ; no action taken.

Medical Officer of Health.—John Gordon Dunlop, M.B., C.M. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Energetic, but hampered by inactivity of Sanitary Authority.

Inspector of Nuisances.—A. A. Piccaver. *Salary.*—6*l.* (with repayment). *Performance of Duties.*—New appointment, no knowledge of duties, but willing to learn.

Repression of Nuisances.—Very inefficient.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Handbills giving precautions against cholera circulated in 1893, and increased attention paid to scavenging.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on September 17th, 1894, when formal recommendations were made as regards the following matters :—

(1.) Isolation provision.
(2.) Water supply.
(3.) House drainage and sewerage.
(4.) Excrement disposal.
(5.) Condition of dwellings.
(6.) Action with regard to nuisances.

LONGTON BOROUGH.

(Staffordshire.)

Inspector.—Dr. R. D. R. Sweeting. *Date of Inspection.*—January 24th and 25th, 1894. *Area.*—1,948 acres. *Population.*—(1891) 34,327, *Inhabited Houses*—(1891) 6,420. *Rateable Value.*—(1894) 95,475*l.* *Industries.*—Potteries, collieries, iron works.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Much improved in newer parts of district, but in older parts many damp houses ; some crowding of houses on area in older parts of town ; no marked overcrowding of persons.

Water Supply.—Obtained from works of North Staffordshire Company ; four sources of supply, (*a*) Meir ; (*b*) Hatton, obtained by pumping ; (*c*) Normacot ; and (*d*) Weston Coyney, by piping natural springs, all rising in an extremely pervious Bunter bed of New Red Sandstone ; water apparently liable to contamination from sewage ; water from Meir source only submitted to filtration ; supply constant.

Sewerage and Drainage.—Sewered throughout ; portion of sewers imperfectly ventilated ; flushing arrangements satisfactory ; sewage treated by broad irrigation on farm of 260 acres. House drains frequently disconnected in slovenly manner, causing soakage into foundations, &c. ; many soil pipes unventilated.

Excrement Disposal and Removal.—Chiefly by cess-pit privies of bad construction, a frequent source of nuisance; of recent years the Sanitary Authority extending use of waterclosets. Cess-pit privies periodically emptied by scavengers of Sanitary Authority, work somewhat neglected, many were full at date of inspection.

Refuse Removal.—House refuse stored in fixed ashpits, many of which are large, open, uncemented, and situate below the level of the ground; scavenging carried out periodically, and refuse burnt in Fryer's patent destructor.

Registered Buildings and Trades:—

Common lodging-houses.	4	Good.	Dairies - -	10	Very fair on the whole.
			Cowsheds - -		
Houses let in lodgings.	None registered.		Milkshops - -	20	Satisfactory.
			Bakehouses - -	100	Fair.
Slaughter-houses -	17	Fairly clean.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Slowly progressive.

Date of Approval of Byelaws as to:—Scavenging, 1867 and 1884; Nuisances, 1867 and 1884; Common lodging-houses, 1867 and 1884; New streets and buildings, 1867 and 1884; Slaughter-houses, 1867 and 1884; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II. and III. adopted 1890.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—William Joseph Dawes, M.R.C.S., L.S.A. *Salary.*—65*l.* (without repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—William Cook. *Salary.*—120*l.* (without repayment). *Performance of Duties.*—Efficient.

Repression of Nuisances.—Very actively dealt with.

Isolation Hospital.—An old cottage used for isolation of small-pox; arrangements very unsatisfactory.

Disinfecting Apparatus.—Ransome's dry-air apparatus provided.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Sweeting on April 20th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement disposal.
(2.) Refuse disposal.
(3.) Sewerage and drainage.
(4.) Courts and unsanitary houses.
(5.) Byelaws.
(6.) Dairies, cowsheds, and milkshops.

LOUGHBOROUGH BOROUGH.

(Leicestershire.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—November 29th–30th, 1893. *Area.*—3,078 acres. *Population.*—(1891) 18,196. *Inhabited Houses.*—(1891) 3,834. *Rateable Value.*—(1893) 72,076*l.* *Industries.*—Hosiery, hosiery machinery, electrical appliances, dyeing and bleaching, bell casting.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair condition on the whole, some ill-ventilated and damp houses; a few courts but no marked crowding of houses upon area; considerable overcrowding of persons in houses.

Water Supply.—Public supply obtained from Woodbrook and Blackbrook which collect water from forest land; water filtered through sand and gravel; supply constant and apparently of good quality.

Sewerage and Drainage.—Sewered throughout; ventilated by numerous surface gratings and also by shafts connected with factory chimneys; ample means for flushing; sewage after passing through wicker screens, discharged untreated into watercourses and thence into River Soar. Extensive main sewerage and outfall works in process of construction at date of inspection. House drainage satisfactory as a rule.

Excrement Disposal and Removal.—Excrement disposed of in privy pits, pail closets and waterclosets; privy pits frequently offensive nuisances; contents of pails and of pit privies removed by contractor, nominally, at weekly intervals.

Refuse Removal.—House refuse removed by contractor at periodical intervals.

Registered Buildings and Trades:—

Common lodging-houses.	4	Fair.	Dairies - -	3	Fair.
Houses let in lodgings.	None registered.		Cowsheds - -	23	Fair.
Slaughter-houses	25	Fair.	Milkshops -	13	Fair.
			Bakehouses - -	?	Clean.
			Offensive trades -	?	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fairly efficient.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1890; Common lodging-houses, 1890; New streets and buildings, 1884; Slaughter-houses, 1890; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1890.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1890.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Thomas Corcoran, L.R.C.S.I., L.A.H. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Active and efficient.

Inspector of Nuisances.—William Palmer Claridge. *Salary.*—100*l.* (with repayment). *Performance of Duties.*—Capable and efficient.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—Cottage rented as isolation hospital; arrangements very unsatisfactory.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on January 24th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Excrement disposal.
(3.) Paving of yards.
(4.) Condition of dwellings.
(5.) Nuisances.
(6.) Slaughter-houses.

LOUTH BOROUGH.

(LINCOLNSHIRE.)

Inspector.—Dr. H. T. Bulstrode. *Date of Inspection.*—September 27th, 1893. *Area.*—2,749 acres. *Population.*—(1891) 10,040. *Inhabited Houses.*—(1891) 2,425. *Rateable Value.*—(1893) 38,661*l.* *Industries.*—Agricultural centre; some coasting shipping.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Condition on the whole fair; some houses unfit for habitation; no marked crowding of dwellings upon area; occasional overcrowding of persons.

Water Supply.—Obtained from works of Louth Water Company; water derived from springs in Chalk; water passed through layer of gravel; supply constant, and apparently of good quality. Many houses obtain supply from private wells, so situate as to be liable to dangerous pollution.

Sewerage and Drainage.—Sewers for most part of ancient date, and heterogeneous composition; arrangements for ventilation and flushing defective; sewage discharged, untreated, by numerous outfalls into River Lud. House drainage very defective; trapping imperfect, and disconnexion rare.

Excrement Disposal and Removal.—Chiefly by means of ash privies, with small fixed receptacles, which are emptied by Sanitary Authority at weekly intervals. There are also about 200 waterclosets in town.

Refuse Removal.—House refuse removed with privy contents at weekly intervals; scavenging apparently satisfactorily performed.

Registered Buildings and Trades:—

Common lodging-houses.	3	Very indifferent.	Dairies - -	82	Very indifferent; apparently not properly controlled.
Houses let in lodgings.	None registered.		Cowsheds - -		
			Milkshops -	None registered.	
			Bakehouses -	?	Indifferent.
Slaughter-houses -	18	Indifferent.	Offensive trades -	?	Indifferent.

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Unsatisfactory.

Date of Approval of Byelaws as to:—Scavenging, 1873; Nuisances, 1873; Common lodging-houses, 1888; New streets and buildings, 1873; Slaughter-houses, 1875; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—William Jenner Best, M.R.C.S., L.S.A., D.P.H. *Salary.*—82*l.* 10*s.* (with repayment). *Performance of Duties.*—New appointment at date of inspection.

Inspector of Nuisances.—Thomas Rowlands. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—New appointment at date of inspection.

Repression of Nuisances.—Indifferent.

Isolation Hospital.—None.

Disinfecting Apparatus.—Nelson's dry-heat apparatus only provided.

Special Preparation for Cholera.—Some general cleansing effected in 1892.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bulstrode on January 14th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation accommodation.
(3.) Sewerage.
(4.) Common lodging-houses.
(5.) Byelaws.
(6.) Dairies, cowsheds, and milkshops.

LOWER BRIXHAM URBAN DISTRICT.

(Devonshire.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—October 28th, 1894. *Area.*—392 acres. *Population.*—(1891) 6,224. *Inhabited Houses.*—(1891) 1,225. *Rateable Value.*—(1894) 20,576*l.* *Industries.*—Fishing, agriculture, shopkeeping.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Extremely unsatisfactory, houses frequently dark, damp, dilapidated, and filthy, with insanitary surroundings; excessive crowding of houses on area in central and lower parts of town; some overcrowding of persons.

Water Supply.—Public supply obtained from springs and subsoil water of an area situate at Ladywell, about a mile and a half from the harbour; no filtration; supply constant, and apparently of fair quality; some houses provided with water supply from surface wells, so situate as to be liable to dangerous pollution.

Sewerage and Drainage.—Partially sewered; ventilation of sewers effected by a few iron shafts and rain-water fall pipes; flushed by means of tanks; sewage discharged into sea above low-water mark; a number of houses drained into cesspools. House drainage frequently imperfect.

Excrement Disposal and Removal.—Chiefly by hand-flushed water-closets and a few pail closets; a large number of houses without any provision for excrement disposal; soil pipes for waterclosets very rarely ventilated.

Refuse Removal.—House refuse stored in boxes and pails, and collected daily by a contractor.

Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Cowsheds - -	3	Variable.
			Milkshops - -	6	Fair.
Houses let in lodgings.	11	Fair.	Bakehouses -	12	Some underground and ill ventilated.
Slaughter-houses -	2	Unsatisfactory.			
Dairies - -	None.	—	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very defective in past; some signs of improvement.

Date of Approval of Byelaws as to:—Scavenging, 1865; Nuisances, 1865; Common lodging-houses, 1865; New streets and buildings, 1865; Slaughter-houses, 1865; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1892.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1893.
(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1893.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—George Blacker Elliott, L.R.C.S.I., L.A.H. *Salary.*—30*l.* (without repayment). *Performance of Duties.*—Efficient.
Inspector of Nuisances.—W. H. Widdecombe. *Salary.*—35*l.* (with repayment). *Performance of Duties.*—Efficient, but hampered in dealing with recurrent nuisances by lack of support from Sanitary Authority.
Repression of Nuisances.—Inefficient as regards recurrent nuisances.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on November 15th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Excrement disposal.
(4.) Sewerage.
(5.) Condition of dwellings.
(6.) Byelaws.
(7.) Dairies, cowsheds, and milkshops.

LUDLOW BOROUGH.

(Shropshire.)

Inspector.—Dr. Bruce Low. *Date of Inspection.*—June 10th, 1894. *Area.*—173 acres. *Population.*—(1891) 4,460. *Inhabited Houses.*—(1891) 959. *Rateable Value.*—(1894) 13,313*l.* *Industries.*—Market town and agricultural centre.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Some dwellings damp, dilapidated, dirty, and neglected; considerable crowding of dwellings upon area; no overcrowding of persons in houses.
Water Supply.—Public supply obtained from gravel bed near the River Teme; no filtration; supply constant, and apparently of fair quality.
Sewerage and Drainage.—Sewered throughout; ventilation inadequate; flushing arrangements apparently satisfactory; sewage, after deposition and screening, discharged directly into River Teme. All sinks disconnected and discharge over trapped gullies.
Excrement Disposal and Removal.—Partly waterclosets with proper flushing arrangements; partly by midden or vault privies, some of which are a source of nuisance; a few privies discharge direct into the river. Midden contents removed by scavengers periodically.
Refuse Removal.—House refuse collected in boxes which are emptied by Corporation scavengers three times a week.
Registered Buildings and Trades:—

Common lodging-houses.	6	Fair.	Dairies - - -	6	Fair.
Houses let in lodgings.	None registered.		Cowsheds - -		
Slaughter-houses -	9	Fair.	Milkshops - -		
			Bakehouses -	11	Satisfactory.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fairly efficient, but somewhat slow.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1879; Common lodging-houses, 1879; New streets and buildings, 1879; Slaughter-houses, 1872; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts III. and V. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—William Nealor Thursfield, M.D., M.R.C.S., D.P.H. *Salary.*—25*l.* (with repayment). *Performance of Duties.*—Efficient.
Inspector of Nuisances.—J. E. Pughe. *Salary.*—100*l.* (with repayment). *Performance of Duties.*—Not very active, time much taken up with duties as surveyor.
Repression of Nuisances.—Not efficiently dealt with.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparations for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on August 22nd, 1894, when formal recommendations were made as regards the following matters:—
(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Condition of dwellings.
(4.) Action in regard to nuisances.
(5.) Dairies, cowsheds, and milkshops.
(6.) Byelaws.

LYDD BOROUGH.

(Kent.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—July 26th, 1894. *Area.*—12,015 acres. *Population.*—(1891) 2,051. *Inhabited Houses.*—(1891) 444. *Rateable Value.*—(1894) 10,257*l.* *Industries.*—Agriculture, fishing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many dwellings with damp foundations, some with thatched roofs, and some constructed of wood above ground floor; no crowding of houses upon area; rarely overcrowding of persons in houses.
Water Supply,—Obtained from wells, some public and some private; water frequently polluted by surface drainage, &c.
Sewerage and Drainage.—No sewerage; highway drains convey surface water to nearest ditch; slop water and waterclosets discharge into cesspools or into series of cesspools. House drainage into cesspools; sinks trapped.
Excrement Disposal and Removal.—By privy vaults or waterclosets; the vaults are dug in porous subsoil and not cemented, emptied by occupiers at long intervals, a very immediate danger to local wells. Waterclosets frequently hand flushed.
Refuse Removal.—House refuse thrown into open ashpit, emptied by occupiers at long intervals.
Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies - -	2	Fair.
Houses let in lodgings.	None registered.		Cowsheds -		
Slaughter-houses -	3	Fair.	Milkshops - -		
			Bakehouses -	5	Satisfactory.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very lax and inefficient.
Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—Richard Bevan, L.R.C.P., M.R.C.S., D.P.H. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Gives good advice, which is not acted upon.
Inspector of Nuisances.—George Godfrey. *Salary.*—2*l.* (without repayment). *Performance of Duties.*—Does his best under circumstances.
Repression of Nuisances.—Lax.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on September 8th, 1894, when formal recommendations were made as regards the following matters:—
(1.) Water supply.
(2.) Isolation accommodation.
(3.) Sewerage and drainage.
(4.) Excrement and refuse disposal.
(5.) Condition of dwellings.
(6.) Action with regard to nuisances.
(7.) Byelaws.
(8.) Dairies, cowsheds, and milkshops.

LYME REGIS BOROUGH.

(Dorsetshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—April 31st, 1894. *Area.*—1,237 acres. *Population.*—(1891) 2,365. *Inhabited Houses.*—(1891) 518. *Rateable Value.*—(1893) 8,952*l.* *Industries.*—Seaside resort.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Condition fair on the whole, a few old dilapidated houses; some crowding of houses in close courts, many courts unpaved and imperfectly drained; apparently no overcrowding of persons in houses.
Water Supply.—Public supply obtained from springs yielding an average daily supply in summer of 23,000 gallons; not filtered; supply intermittent and insufficient. Many houses obtain water from wells, many so situate as to be liable to dangerous pollution.
Sewerage and Drainage.—Imperfectly sewered; main sewer very old and rectangular: sewage discharged on sea shore above high-water mark; no means provided for ventilation of sewers, and no systematic flushing. House drainage unsatisfactory; sink wastes not properly disconnected; drains unventilated; some houses drain into cesspools.
Excrement Disposal and Removal.—Five sixths of houses supplied with waterclosets, generally hand flushed; remaining houses provided with privies or earth closets.
Refuse Removal.—Refuse collected three times a week by scavengers of Sanitary Authority; work apparently satisfactorily performed.

Registered Buildings and Trades:—

Common lodging-houses.	1	Fair.	Dairies - -	2	Fair.
			Cowsheds -	12	
Houses let in lodgings.	None registered.		Milkshops - -	None	
			Bakehouses -	6	Fair.
Slaughter-houses -	3	Bad.	Offensive trades -	None	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improving during recent years.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, 1892; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Richard Bangay, M.D., M.R.C.S. *Salary.*—10*l.* (without repayment). *Performance of Duties.*—Apparently does little beyond writing an annual report.

Inspector of Nuisances.—Elam Sprackling. *Salary.*—20*l.* (without repayment). *Performance of Duties.*—Well meaning, but has no knowledge of sanitary work.

Repression of Nuisances.—Action with regard to recurring nuisances unsatisfactory.

Isolation Hospital.—A room in a warehouse situate on the Cobb, provided as a temporary hospital—quite unsuited for purpose.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on August 30th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Sewerage.
(4.) House drainage.
(5.) Courts and insanitary houses.
(6.) Nuisances.
(7.) Dairies, cowsheds, and milkshops.
(8.) Byelaws.

MAESTEG URBAN DISTRICT.

(Glamorganshire.)

Inspector.—Mr. Evan Evans. *Date of Inspection.*—September 12–14th, 1893. *Area.*—6,706 acres. *Population.*—(1891) 9,417. *Inhabited Houses.*—(1891) 1,817. *Rateable Value.*—(1892) 20,000*l.* *Industries.*—Coal mining, tin-plate working, and agriculture.

B.—Sanitary Circumstances.

Dwellings of the Poor.—Many small, dilapidated, damp, and badly ventilated dwellings; not much crowding of houses upon area, but yard spaces frequently diminished by erection of fowl houses, and occasionally pigsties; much overcrowding at the time of inspection.

Water Supply.—Public supplies obtained from springs and disused coal workings; supply insufficient, and, in some instances, of doubtful quality; water distributed to infrequent stand pipes in stoneware pipes. Some houses supplied from wells, and spouts insufficiently protected.

Sewerage and Drainage.—No system of main sewerage; drains discharged into river; no means of ventilation, or of systematic flushing. House drainage often defective; in many cases by means of open channels; sewage nuisances common.

Excrement Disposal and Removal.—Chiefly by hand-flushed long-hopper waterclosets; many very filthy; at Nantyfyllon generally by privies emptying into box drains, which are flushed by the water of mountain streams led into them. There are also a few pail closets, and privy pits are common throughout district; generally dirty and infrequently emptied.

Refuse Removal.—House refuse is removed at intervals of three days by the Authority and tipped at Nantyfyllon near the bank of the River Llyfni; work very inefficiently performed. The river is used as a general place of deposit for filth of all kinds, and was, at the date of inspection, in a most disgraceful condition.

Registered Buildings and Trades:—

Common lodging-houses.	3	1 unfit for habitation.	Dairies - - -	5	Clean.
Houses let in lodgings.	None registered.		Cowsheds - -	32	Moderate.
Slaughter-houses -	7	Badly drained; condition fair.	Milkshops - -	20	Clean.
			Bakehouses -	20	Fair.
			Offensive trades -	1	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very inefficient.

Date of Approval of Byelaws as to:—Scavenging, 1885; Nuisances, 1885; Common lodging-houses, 1885; New streets and buildings, 1885; Slaughter-houses, 1885; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—William Hopkin Thomas, M.R.C.S., L.R.C.P. *Salary.*—20*l.* (without repayment). *Performance of Duties.*—As advice ignored for years he has practically ceased to do anything.

Inspector of Nuisances.—James Humphreys. *Salary.*—120*l.* (with repayment). *Performance of Duties.*—Appointed June, 1893; capable officer.

Repression of Nuisances.—Recurring nuisances not dealt with.

Isolation Hospital.—An ivy-clad cottage, about half a mile north east of Maesteg; nominally provided; never been used and utterly unsuited for isolation purposes.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None, except providing applicants with limewash at a penny a bucket.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Mr. Evans on January 22nd, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Sewage disposal.
(4.) Refuse removal.
(5.) Condition of dwellings.
(6.) Condition of streets.
(7.) Action in regard to nuisances.
(8.) Common lodging-houses.

MARGATE BOROUGH.

(Kent.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—August 6th, 1894. *Area.*—759 acres. *Population.*—(1891) 18,417 (population trebled in season). *Inhabited Houses.*—(1891) 3,272. *Rateable Value.*—(1894) 95,733*l.* *Industries.*—Seaside resort; many boarding schools and convalescent homes.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Generally clean and well cared for, a few dilapidated houses; ample space provided around houses as a rule; overcrowding of persons occasional in season.

Water Supply.—Public water supply obtained from two wells sunk in Chalk, (*a*) Dale well, (*b*) Tivoli well; except at times of exceptional pressure, water from Tivoli well not used, as liable to contamination; no filtration; supply constant.

Sewerage and Drainage.—Sewered throughout; satisfactory arrangements for ventilation and flushing; sewage discharged into sea at Long Nose Rock, two miles east of town. House drainage satisfactory as a rule; connexion with new sewer in rapid progress.

Excrement Disposal and Removal.—Chiefly by means of waterclosets provided with separate flushing boxes. About 150 pit privies still in existence in outskirts; contents removed by tenants.

Refuse Removal.—House refuse collected daily by Corporation carts, boxes and baskets being placed each morning on kerbstone ready for carts. Removed to depôt at a farm two miles from Margate.

Registered Buildings and Trades:—

Common lodging-houses.	1	Fair.	Dairies - -	32	Satisfactory.
			Cowsheds -		
Houses let in lodgings.	None registered.		Milkshops -	11	Satisfactory.
			Bakehouses -	25	Satisfactory.
Slaughter-houses -	17	Satisfactory.	Offensive trades -	3	Satisfactory.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improved of late years.

*Date of Approval of Byelaws as to:—*Scavenging, none; Nuisances, 1884; Common lodging-houses, 1859; New streets and buildings, 1893; Slaughter-houses, 1889; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1880.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; one area comprising eight houses dealt with in 1893.

Medical Officer of Health.—Arthur William Scatliff, L.R.C.P. and S.E., D.P.H. *Salary.*—130*l.* (with repayment). *Performance of Duties.*—Satisfactory.

Inspector of Nuisances.—Herbert Balster, Cert. San. Inst. *Salary.*—130*l.* (with repayment). *Performance of Duties.*—Somewhat unequal in quality.

Repression of Nuisances.—Fair.

Isolation Hospital.—Temporary hospital for 44 beds provided at Northwood, in combination with Ramsgate and Broadstairs Urban and Isle of Thanet Rural Authorities; provision inadequate.

Disinfecting Apparatus.—Washington Lyons' steam disinfector erected at town yard.

Special Preparation for Cholera.—Arrangements made in 1893 for securing temporary hospital accommodation for cholera if necessary; frequent extra flushing of sewers, with disinfectants, carried out in summer months.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on September 22nd, 1894, when formal recommendations were made as regards the following matters :—

(1.) Water supply.
(2.) Excrement disposal.
(3.) Condition of dwellings.
(4.) Action in regard to nuisances.

MARYPORT URBAN DISTRICT.

(Cumberland.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—May 16th–20th, 1894. *Area.*—261 acres. *Population.*—(1891) 8,784. *Inhabited Houses.*—(1891) 1,771. *Rateable Value.*—(1894) 23,500*l*. *Industries.*—Shipping, fishing, ironworks.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many cottages, especially in low-lying parts of town, very damp and dilapidated; huddling of houses upon area, excessive; occasional overcrowding of persons.

Water Supply.—Public supply obtained from River Derwent; water filtered through two sand filters; supply practically unlimited; some danger of pollution of stream above intake.

Sewerage and Drainage.—Sewered throughout; ample provision for ventilation and flushing; sewage discharged into sea. House drainage, satisfactory.

Excrement Disposal and Removal.—Waterclosets universal; each provided with separate flushing cistern.

Refuse Removal.—House refuse removed daily by Authority's scavengers; work well performed.

Registered Buildings and Trades :—

Common lodging-houses.	3	Clean and well kept.	Dairies - -	6	Some cowsheds dark and crowded.
Houses let in lodgings.	None registered.		Cowsheds - -		
Slaughter-houses -	1	Public; very good.	Milkshops -		
			Bakehouses - -	6	Clean and well kept.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very active.

Date of Approval of Byelaws as to :—Scavenging, none; Nuisances, 1880; Common lodging-houses, 1881; New streets and buildings, 1880; Slaughter-houses, 1888; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1894.
(*c.*) Public Health Acts Amendment Act, 1890; Parts III. and IV. adopted 1894.
(*d.*) Housing of the Working Classes Act, 1890; twenty houses dealt with.

Medical Officer of Health.—James Little, M.D. *Salary.*—40*l*. (with repayment). *Performance of Duties.*—Active and efficient.

Inspector of Nuisances. — Robert Goodfellow. *Salary.* — 60*l*. (with repayment). *Performance of Duties.*—Satisfactory.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—Hospital with four beds, built on model plan arrangements satisfactory.
Disinfecting Apparatus.—Steam disinfecting apparatus provided.
Special Preparation for Cholera.—Special scavenging carried out in 1893 and handbills giving precautions against cholera distributed.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on May 2nd, 1894, when a formal recommendation was made as regards the housing of the working classes.

MENAI BRIDGE URBAN DISTRICT.

(Anglesey.)

Inspector.—Mr. Evan Evans. *Date of Inspection.*—February 7th, 1894. *Area.*—825 acres. *Population.*—(1891) 1,675. *Inhabited Houses.*—(1891) 402. *Rateable Value.*—(1893) 5,706*l.* *Industries.*—Market town and seaside resort.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Cottages, as a rule, old and ill-ventilated, many damp, proper paving around dwellings universally absent; no crowding of dwellings upon area; overcrowding of persons in houses rare.
Water Supply.—Public supply from springs and subsoil drains in agricultural land, the water from which is collected in a reservoir at Pennebo; filtered through sand and gravel; supply insufficient in summer; quality apparently fair.
Sewerage and Drainage.—Sewered throughout; sewage discharged into sea below low-water level; special ventilation and flushing arrangements provided. House drains frequently unventilated; yard drainage very defective.
Excrement Disposal and Removal.—Chiefly by means of waterclosets, but many pit privies still in existence which, as constructed, are a source of dangerous nuisance; cleansing of receptacles left to tenants and grossly neglected; many overflowing pits noticed at time of inspection.
Refuse Removal.—Removal of house refuse, &c. left to occupiers and neglected; great accumulations of filth and refuse in neighbourhood of dwellings a source of great nuisance.
Registered Buildings and Trades:—

Common lodging-houses.	None.	—	Dairies - -	?	Very unsatisfactory.
Houses let in lodgings.	None registered.		Cowsheds - -		
			Milkshops -		
			Bakehouses -	5	Good.
Slaughter-houses -	2	One good, one bad.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration of Sanitary Authority.—Inefficient.
Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1885; Common lodging-houses, 1885; New streets and buildings, 1885; Slaughter-houses, 1885; Offensives trades, 1885.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Hugh Rees, M.R.C.S., L.S.A. *Salary.*—5*l.* (with repayment). *Performance of Duties.*—Has given good advice which has not been acted upon.
Inspector of Nuisances.—Owen Davies. *Salary.*—15*l.* (with repayment). *Performance of Duties.*—Inefficient.
Repression of Nuisances.—Very inefficient.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Mr. Evans on February 7th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Sewerage.
(4.) Storage and removal of refuse.
(5.) Condition of dwellings.
(6.) Nuisances.
(7.) Dairies, cowsheds, and milkshops.
(8.) Condition of streets.

MILFORD URBAN DISTRICT.

(Pembrokeshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—June 29th, 1893. *Area.*—816 acres. *Population.*—(1891) 4,070. *Inhabited Houses.*—(1891) 687. *Rateable Value.*—(1892) 5,970*l.* *Industries.*—Ship building, fishing, agriculture, military centre.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Some old, damp houses still occupied; some crowding of dwellings in badly paved courts off Hakin Street; no overcrowding of persons in houses.
Water Supply.—Public supply obtained from spring and surface water liable to animal pollution; filtered through sand and gravel; supply intermittent and insufficient; quality doubtful.
Sewerage and Drainage.—Sewering fragmentary and unsatisfactory; no special arrangements made for securing ventilation or flushing; sewage discharged into Haven or into docks. House drainage effected by occasional gullies in the house yards which discharge into small drains, which in their turn empty into cesspools.
Excrement Disposal and Removal.—Chiefly by means of privy middens of bad type; cleansing imposed upon occupiers and frequently neglected. Some waterclosets of which a few are hand flushed.
Refuse Removal.—House refuse disposed of in middens. Refuse removed by scavengers twice a week, when it is placed outside houses or yards.
Registered Buildings and Trades:—

Common lodging-houses.	1	Unfit for use.	Dairies - - -	11	Various.
Houses let in lodgings.	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses -	?	Fair.
Slaughter-houses -	1	Fair.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inefficient.
Date of Approval by Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—George Griffiths, M.R.C.P. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Energetic and efficient.
Inspector of Nuisances.—William Summers. *Salary.*—60*l.* (with repayment). *Performances of Duties.*—Moderately efficient.
Repression of Nuisances.—Fair, as regards common nuisances; recurrent nuisances not efficiently dealt with.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on August 25th, 1893, when formal recommendations were made as regards the following matters:—
(1.) Water supply.
(2.) Isolation provision.
(3.) Sewerage.
(4.) Courts and insanitary houses.
(5.) Excrement disposal.
(6.) Scavenging.
(7.) Action in regard to nuisances.
(8.) Dairies, cowsheds, and milkshops.
(9.) Byelaws.

MILLOM URBAN DISTRICT.

(Cumberland.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—April 19th, 1894. *Area.*—1,291 acres. *Population.*—(1891) 8,895. *Inhabited Houses.*—(1891) 1,544. *Rateable Value.*—(1893) 78,000*l.* *Industries.*—Shipping, ironworks, iron mining.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Condition satisfactory; no crowding of dwellings upon area; apparently no overcrowding of persons.
Water Supply.—Public supply obtained from gathering ground at Black Combe; no filtration; supply constant and plentiful; quality apparently good.
Sewerage and Drainage.—Sewered throughout; ventilation secured by manhole grids and vertical shafts; satisfactory arrangements for flushing; sewage discharged into sea; ventilation of branch sewers insufficient. House drainage, as a rule, satisfactory.
Excrement Disposal and Removal.—Chiefly by means of waterclosets each provided with separate flushing cistern. Privy middens of bad type still exist, but Authority are enforcing substitution of waterclosets whenever possible. Middens scavenged by Sanitary Authority.
Refuse Removal. — Ashpits and middens emptied by Authority's scavengers at intervals of from six weeks to two months. Work well done.
Registered Buildings and Trades:—

Common lodging-houses	4	Good.	Dairies - -	25	Some unsatisfactory.
Houses let in lodgings	None registered.		Cowsheds - -		
			Milkshops -		
Slaughter-houses - -	11	Well kept.	Bakehouses - -	13	Clean and airy.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Evidently anxious to secure efficient administration.

Date of Approval of Byelaws as to:—Scavenging, 1876; Nuisances, 1876; Common lodging-houses, none; New streets and buildings, 1876; Slaughter-houses, 1876; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1887.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1890.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., and V. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Peter Butler Stonay, L.R.C.P., M.R.C.S. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Energetic.

Inspector of Nuisances.—Henry Waye. *Salary.*—115*l.* (with repayment). *Performance of Duties.*—Intelligent and active.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—Temporary hospital provided near the Pier for isolation of cholera.

Disinfecting Apparatus.—Washington Lyons' steam disinfector at hospital.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on May 7th, 1894, when final recommendations were made as regards the following matters:—

(1.) Excrement and refuse disposal.
(2.) Byelaws.
(3.) Cowsheds and dairies.
(4.) Drainage and sewerage.

MILTON-NEXT-SITTINGBOURNE URBAN DISTRICT.

(Kent.)

Inspector.—Dr. Theodore Thomson. *Date of Inspection.*—April 5th, 1894. *Area.*—2,558 acres. *Population.*—(1891) 5,213. *Inhabited Houses.*—(1891) 1,010. *Rateable Value.*—(1894) 14,500*l.* *Industries.*—Brick-making, paper-making, cement works, tanneries, jam factories, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many very old, and of these not a few dilapidated, damp, ill-lighted, and badly ventilated; no crowding of dwellings upon area; apparently no overcrowding of persons in houses.

Water Supply.—Public supply obtained from Chalk; not filtered; supply constant.

Sewerage and Drainage.—Sewered throughout; arrangements for ventilation insufficient; flushing effected by hose pipes; sewage discharged untreated into Milton Creek. House drains as a rule not properly disconnected from sewers.

Excrement Disposal and Removal.—Chiefly by waterclosets of long hopper type and hand flushed; many observed in foul condition at time of inspection; a few privies still remaining in district.

Refuse Removal.—Scavenging both of streets and house refuse is carried out by Local Authority, house refuse removed once a week, work apparently well done.

Registered Buildings and Trades:—

Common lodging-houses	4	Fair.	Cowsheds - - -	6	Fair.
Houses let in lodgings	None registered.		Milkshops- - -	None.	—
Slaughter-houses -	5	Fair.	Bakehouses - -	2	Fair.
Dairies - - - -	6	Fair.	Offensive trades - -	11	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—In some respects satisfactory, but much remains to be done.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1878; Common lodging-houses, 1878; New streets and buildings, 1878; Slaughter-houses, 1878; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1887.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.

(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., and III. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Charles Holdrich Fisher, M.D., M.R.C.S. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—Amos B. Ackworth, M. Inst. Ass. M.E. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Tolerably capable, but standard of sanitary requirements not altogether satisfactory.

Repression of Nuisances.—Fair as regards common nuisances; not satisfactory as regards recurring nuisances.

Isolation Hospital.—Provided in combination with Sittingbourne Urban and Milton Rural Districts; 24 beds; arrangements satisfactory.

Disinfecting Apparatus.—Hot-air apparatus at Joint Hospital; not efficient.

Special Preparation for Cholera.—Placards giving precaution against cholera posted throughout district in 1893.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Thomson on May 10th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Waterclosets.

(2.) Insanitary houses and yards.

(3.) Disinfection.

MINEHEAD URBAN DISTRICT.

(Somersetshire.)

Inspector.—Mr. T. W. Thompson. *Date of Inspection.*—June 23rd, 1893. *Area.*—693 acres. *Population.*—(1891) 1,799. *Inhabited Houses.*—(1891) 347. *Rateable Value.*—(1892) 6,982*l.* *Industries.*—Seaside resort; fishing, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair condition as a rule; some old, thatched, mud cottages at High Town unfit for habitation; some crowding of houses on area at the Quay; occasional overcrowding of persons during the season.

Water Supply.—From works of Minehead Water Company; water obtained from three springs situate at Perriton Combe, Middlecombe, and North Hill respectively; not filtered; supply constant in winter, intermittent in summer; quality apparently good.

Sewerage and Drainage.—Sewered throughout, with the exception of a small part of High Town; arrangements for ventilation and flushing not satisfactory; sewage discharged into sea slightly above low-water mark. House drains rarely disconnected from sewer or properly ventilated; sink wastes disconnected as a rule.

Excrement Disposal and Removal.—Chiefly by waterclosets, many of which are hand flushed. Some privies of bad type still in existence in Quay Street and High Town.

Refuse Removal.—House refuse disposed of in ashpits; cleansing of receptacles imposed upon tenants. Arrangements unsatisfactory.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	15	Some unsatisfactory.
			Cowsheds - - -		
Houses let in lodgings	None registered.		Milkshops - -	None.	—
			Bakehouses - -	3	Clean.
Slaughter-houses -	1	Unsatisfactory	Offensive trades -	1	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Urban authority only appointed in 1891; apparently anxious to secure efficient administration.

Date of Approval of Byelaws as to:—Scavenging, 1892; Nuisances, 1892; Common lodging-houses, 1892; New streets and buildings, 1892; Slaughter-houses, 1892; Offensive trades, 1892.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1892.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1893.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—J. Gratton Wilson, M.B., B.S., M.R.C.S., L.R.C.P. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Efficient.

Inspector of Nuisances.—George Wood. *Salary.*—15*l.* (with repayment). *Performance of Duties.*—Efficient.

Repression of Nuisances. — Fair, except as regards "recurring" nuisances.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—House-to-house inspection of district carried out in accordance with advice of Medical Officer of Health; posters and handbills giving precaution against cholera issued in 1892; arrangements made for obtaining tents if required.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Mr. Thompson on August 29th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation accommodation.
(2.) Ventilation of sewers.
(3.) Excrement and refuse disposal and removal.
(4.) Insanitary houses.
(5.) Action in regard to nuisances.
(6.) Dairies, cowsheds, and milkshops.

MOLD URBAN DISTRICT.

(FLINTSHIRE.)

Inspector.—Mr. Evan Evans. *Date of Inspection.*—December 5th–7th, 1893. *Area.*—651 acres. *Population.*—(1891) 4,457. *Inhabited Houses.*—(1891) 966. *Rateable Value.*—(1893) 10,753*l.* *Industries.*—Coal mining, tinplate manufacture, agriculture.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Many houses unfit for human habitation, owing to general disrepair, want of through ventilation, dampness, and inadequate privy accommodation; considerable crowding of dwellings upon area in central portion of district; some overcrowding of persons in houses.

Water Supply.—From works of Mold Water Company; water derived from springs flowing off Wenlock Shale, at base of Mocl Fammau; no filtration; supply constant, and apparently of good quality. Shallow wells in close proximity to cesspools, midden privies and "dumb wells" still supply water to a number of houses, as reported by Dr. Blaxall in 1876 and by Dr. Davies in 1885.

Sewerage and Drainage.—No proper sewerage; some pipe drainage neither ventilated nor satisfactorily flushed; sewage discharged untreated into River Alyn, or into filthy ditches communicating with the river. House drainage most unsatisfactory, nowhere any proper disconnexion between house drains and sewers: drains frequently of rubble; sink wastes directly connected with drains and cesspools.

Excrement Disposal and Removal.—Chiefly by means of uncemented midden privies, situate in close proximity to dwellings; contents frequently leak into dwellings; cleansing imposed upon occupier and grossly neglected. Waterclosets provided in houses on western side of High Street.

Refuse Removal.—Removal of refuse not undertaken by Local Authority, and no proper receptacles provided for its storage; enormous accumulations of filth observed at time of inspection.

Registered Buildings and Trades:—

Common lodging-houses.	13	Dirty, overcrowded, and many unfit for habitation.	Dairies - -	17	Very unsatisfactory.
			Cowsheds -		
			Milkshops -		
Houses let in lodgings.	None registered.		Bakehouses -	10	Fair.
			Offensive trades	None.	—
Slaughter-houses	4	Fair.			

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Some improvement since October 1893, prior to that date Authority very inefficient.

Date of Approval of Byelaws as to:—Scavenging, 1885; Nuisances, 1885; Common lodging-houses, 1885; New streets and buildings, 1885; Slaughter-houses, 1885; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Edward Williams, L.R.C.P., L.R.C.S., L.S.A. *Salary.*—25*l.* (with repayment). *Performance of Duties.*—Has given good advice.

Inspector of Nuisances.—Isaac Jones. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Not satisfactory.

Repression of Nuisances.—Very inefficient until quite recently.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Mr. Evans on February 22nd, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Sewerage and drainage.
(4.) Scavenging.
(5.) Condition of dwellings.
(6.) Dairies, cowsheds, and milkshops.
(7.) Common lodging-houses.

MORLEY BOROUGH.

(Yorkshire, W.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—May 21st, 1894. *Area.*—3,381 acres. *Population.*—(1891) 21,068. *Inhabited Houses.*—(1891) 4,484. *Rateable Value.*—(1893) 73,760*l.* *Industries.*—Cloth mills, shoddy mills, woollen manufacture, coal mining, stone quarrying, engineering.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Houses as a rule clean and in good repair; many courts and back-to-back houses; some overcrowding of persons in houses.

Water Supply.—Public water supply obtained from three sources: (*a*) Works of Leeds Corporation; (*b*) Works of Halifax Corporation; (*c*) Works of Morley Corporation. Water from last-named source supplied mixed with water from other two sources. Morley Corporation water is obtained from a moorland gathering ground, situate near Mytholmroyd; water not filtered; supply constant and of good quality, but has a powerful action on lead.

Sewerage and Drainage.—Sewered throughout; ventilated by surface gratings and vertical pipes; no provision for flushing sewers; part of sewage treated by irrigation on a sewage farm, and part discharged untreated into Morley Brook, a tributary of the River Aire. House drainage not properly disconnected from sewers in a considerable number of cases.

Excrement Disposal and Removal.—Almost exclusively by midden privies, many of old bad type, some actually abutting on walls of dwellings; privies recently erected of good construction. Scavenging of privies carried out by contract or under Sanitary Authority; very badly performed.

Refuse Removal.—House refuse disposed of in middens, and removed with excrement by contractor. Work much neglected and very badly performed; accumulations of filth common throughout district.

Registered Buildings and Trades:—

Common lodging-houses	3	One unsatisfactory.	Dairies - - -	46	Fair in most instances.
Houses let in lodgings	None registered.		Cowsheds - - -		
			Milkshops - -		
			Bakehouses - -	None.	—
Slaughter-houses - -	20	Fair.	Offensive trades -	2	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very defective in many respects, especially in dealing with excremental and other nuisances.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, 1877; New streets and buildings, 1883; Slaughter-houses, 1877; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.
Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—Sidney Thomas Steele, M.R.C.S., L.R.C.P., D.P.H. *Salary.*—45*l.* (without repayment). *Performance of Duties.*—Active and energetic.
Inspector of Nuisances.—Joseph Ward. *Salary.*—33*s.* per week (without repayment). *Performance of Duties.*—Active, but apparently receives little support from Authority.
Repression of Nuisances.—Very defective.
Isolation Hospital.—Hospital provided with accommodation for 14 beds; arrangements satisfactory.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on June 25th, 1894, when formal recommendations were made as regards the following matters :—
(1.) Excrement disposal.
(2.) House drainage.
(3.) Condition of dwellings.
(4.) Inspector of Nuisances.

MORPETH BOROUGH.

(Northumberland.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—July 17th, 1894. *Area.*—323 acres. *Population.*—(1891) 5,219. *Inhabited Houses.*—(1891) 931. *Rateable Value.*—(1894) 14,000*l.* *Industries.*—Agricultural market town.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many old, damp, dilapidated cottages situated in badly paved yards; considerable crowding of dwellings in long, narrow yards; apparently no overcrowding of persons.
Water Supply.—Public supply obtained from two sources, (*a*) springs at Allery Banks, and (*b*) from gathering ground and bore-holes at Tranwell; water from Allery Banks not filtered, water from Tranwell filtered through sand and gravel; supply constant, but insufficient in times of drought. Tranwell gathering ground manured with midden contents.
Sewerage and Drainage.—Sewered throughout; ventilation and flushing arrangements inadequate; sewage, after passing through depositing tanks, discharged without further treatment into River Wansbeck. House drainage satisfactory.
Excrement Disposal and Removal.—Chiefly by means of tub-closets; still some of old, large, deep, unpaved middens in existence; newer houses provided with waterclosets, the soil pipes from which are frequently unventilated. Scavenging carried out by Local Authority; tubs emptied twice a week, and middens at longer intervals.
Refuse Removal.—House refuse removed with privy contents. Scavenging apparently well performed.
Registered Buildings and Trades :—

Common lodging-houses	3	Moderate.	Dairies - -	?	Clean and airy.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
Slaughter-houses -	10	Bad.	Bakehouses - -	4	Clean and airy.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very inactive.
Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1893.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1892.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—Fred. W. Skrimshire, M.R.C.S. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Not very efficient.
Inspector of Nuisances.—Joseph Lumsden. *Salary.*—70*l.* (with repayment). *Performance of Duties.*—New appointment at date of inspection
Repression of Nuisances.—Not efficiently dealt with.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on September 3rd, 1894, when formal recommendations were made as regards the following matters:—
(1.) Isolation provision.
(2.) Water supply.
(3.) Excrement and refuse disposal.
(4.) Action in regard to nuisances.
(5.) Condition of dwellings.
(6.) Sewerage.
(7.) Common lodging-houses.
(8.) Slaughter-houses.
(9.) Byelaws.

NEWARK-UPON-TRENT BOROUGH.

(Nottinghamshire.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—July 11th and 12th, 1893. *Area.*—1,932 acres. *Population.*—(1891) 14,457. *Inhabited Houses.*—(1891) 3,181. *Rateable Value.*—(1892) 50,993*l.* *Industries.*—Brewing, malting, ironworks.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Clean and well kept as a rule; some ill-ventilated and dilapidated cottages; much huddling of houses in narrow lanes and courts; occasional overcrowding of persons in houses.
Water Supply.—Public supply obtained from well in New Red Sandstone; no filtration; supply constant, and apparently of good quality. Still many houses supplied with water from private wells which, by their surroundings, are liable to dangerous pollution.
Sewerage and Drainage.—Sewered throughout; ventilation effected by roadway grids and vertical shafts; adequate flushing arrangements; sewage discharged untreated into River Trent. House drainage in newer parts of town satisfactory; in older parts effected by means of open slop channels.
Excrement Disposal and Removal.—Partly by waterclosets and partly by tub-closets. The tubs are emptied weekly by a contractor under the Local Authority.
Refuse Removal.—House refuse disposed of in covered ashpits and movable receptacles, and removed by contractor at weekly intervals. Arrangements for scavenging apparently satisfactory.

Registered Buildings and Trades :—

Common lodging-houses	1	Clean.	Dairies - - -	14	Good.
Houses let in lodgings	None registered.		Cowsheds - -		
			Milkshops - - -		
			Bakehouses - -	24	Satisfactory.
Slaughter-houses -	14	Fair.	Offensive trades -	5	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Active, efficient, and progressive.
Date of Approval of Byelaws as to :—Scavenging, 1886; Nuisances, 1886; Common lodging-houses, 1886; New streets and buildings, 1886; Slaughter-houses, 1886; Offensive trades, 1886.
Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1889.
Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—Charles Wells, M.R.C.S., L.S.A. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Efficient.
Inspector of Nuisances.—George Horspool. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—Satisfactory on whole, but somewhat too lenient.
Repression of Nuisances.—Satisfactory, except as regards nuisance from pig-keeping.
Isolation Hospital.—Temporary wooden hospital with six beds provided.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—Special house-to-house inspection made in 1892; handbills, giving precautions against cholera, distributed; disinfectants distributed gratuitously.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on August 1st, 1893, when formal recommendations were made as regards the following matters :—
(1.) Water supply.
(2.) Isolation provision.
(3.) Excrement and refuse disposal.
(4.) Action in regard to nuisances.

NEWBOLD AND DUNSTON URBAN DISTRICT.

(Derbyshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—June 19th, 1894. *Area.*—2,802 acres. *Population.*—(1891) 5,192. *Inhabited Houses.*—(1891) 1,041. *Rateable value.*—(1894) 12,082*l.* *Industries.*—Ironworks, potteries, collieries.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many jerry-built cottages; no crowding of houses upon area; no overcrowding of persons in houses.
Water Supply.—Public supply procured from works of Chesterfield Water Company; water obtained from gathering ground of 1,333 acres on Millstone Grit; liable to pollution from farmhouse drainage on gathering ground; no filtration; supply constant.
Sewerage and Drainage.—Sewered throughout; ventilation effected by manhole grids; flushing arrangements insufficient; sewage treated by broad irrigation at sewage farm of 14 acres; effluent into River Rother. House drainage not very satisfactory.

Excrement Disposal and Removal.—Privy middens universal, many open, deep, and unpaved; scavenging carried out by Local Authority upon receipt of notice from tenant; many middens noticed over-full at time of inspection.

Refuse Removal.—House refuse removed with midden contents at irregular intervals.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	?	Some dark, dirty, and ill-drained.
Houses let in lodgings	None registered.		Cowsheds - - -		
			Milk shops - -		
			Bakehouses - -	3	Fair.
Slaughter-houses -	5	Moderate.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Not very active.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1876; Common lodging-houses, 1876; New streets and buildings, 1876; Slaughter-houses, 1876; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.

(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., and III. adopted 1893.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—William Sandham Symes, L.R.C.P., L.R.C.S.I. *Salary.*—25*l.* (with repayment). *Performance of Duties.*—Too busy to devote much time to public duties.

Inspector of Nuisances.—Willis Glossop. *Salary.*—28*l.* (with repayment). *Performance of Duties.*—Does not devote sufficient time to his duties.

Repression of Nuisances.—Not efficient.

Isolation Hospital.—Temporary hospital with 12 beds provided for small-pox only.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on July 10th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Disposal of excrement and refuse.
(3.) Scavenging.
(4.) House drainage.
(5.) Dairies, cowsheds, and milkshops.
(6.) Byelaws.
(7.) Private streets.

NEWBURN URBAN DISTRICT.

(Northumberland.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—March 13th and 14th, 1894. *Area.*—3,420 acres. *Population.*—(1891) 7,963. *Inhabited Houses.*—(1891) (?). *Rateable Value.*—(1893) 38,053*l.* *Industries.*—Collieries, ironworks, brickmaking, glassworks, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many old, dilapidated, damp dwellings, unfit for habitation; no crowding of dwellings upon area; much overcrowding of persons in houses not dealt with.

Water Supply.—Supply obtained from works of Newcastle and Gateshead Water Company, except at Sugley, Blucher Pit, and Walbottle where water obtained from springs and wells, some of which are of doubtful purity.

Sewerage and Drainage.—No sewerage except at the new village of Spencer's Newburn and some new streets at Lemington; sewage discharged into River Tyne; sewage nuisances common. House drainage extremely bad, many cottages undrained, others have rubble drains passing under them.

Excrement Disposal and Removal.—Privy middens of bad type almost universal. Scavenging not carried out by Local Authority. As a rule the owners of pits and of large works empty the middens belonging to their workpeople at a fixed weekly charge.

Refuse Removal.—House refuse disposed of in middens. Many over-full middens observed at times of inspection at Newburn, Walbottle, and Blucher Pit.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	29	Overcrowded and ill-drained.
Houses let in lodgings	Many, but not registered as regulated.		Cowsheds - - -		
			Milkshops - -		
			Bakehouses - -	None.	—
Slaughter-houses - -	8	Fair.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Newly formed Authority.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1893.
(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1893.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Andrew Mercer, M.B., B.Sc. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Active and intelligent.

Inspector of Nuisances.—George Redhand. *Salary* —70*l.* (with repayment). *Performance of Duties.*—Zealous, but untrained.

Repression of Nuisances.—Not efficiently dealt with.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Handbills giving precautions against cholera distributed in 1893.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on April 16th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Water supply.
(4.) Disposal of sewage.
(5.) Houses unfit for habitation.
(6.) Byelaws and regulations.

NEWCASTLE-UNDER-LYME BOROUGH.

(STAFFORDSHIRE.)

Inspector.—Dr. R. D. R. Sweeting. *Date of Inspection.*—February 15th and 16th, 1894. *Area.*—672 acres. *Population.*—(1891) 18,452. *Inhabited Houses.*—(1891) 3,640. *Rateable Value.*—(1894) 52,777*l.* *Industries.*—Agricultural market town; one large clothing factory.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Generally unsatisfactory, although some improvements during recent years, many unfit for habitation from dilapidation, dampness, and filth; some huddling of houses upon area in older parts of town; overcrowding of persons in houses diminishing.

Water Supply.—Chiefly obtained from works of North Staffordshire Water Company; supply constant, and apparently of good quality. About 100 houses still supplied with water from open dipping wells, exposed to all kinds of pollution.

Sewerage and Drainage.—Sewered throughout; ventilation effected by surface grids; flushing by tank-carts at manholes; sewage treated by lime and carbon precipitation and broad irrigation. House drainage much improved during recent years, but many sink pipes still disconnected in slovenly manner, so as to cause soakage into foundations of houses and nuisance.

Excrement Disposal and Removal.—Mainly by cesspit privies of very objectionable type, and frequently dangerously near houses, through which they often have to be emptied. Many over-full at date of inspection. During recent years Authority have tried to introduce water-carriage system, and there are now 470 waterclosets with flushing cisterns.

Refuse Removal.—House refuse stored in middens or covered ashpits. Scavenging carried out by Sanitary Authority, and appears to be fairly well performed.

Registered Buildings and Trades:—

Common lodging-houses	17	Good on the whole.	Dairies - - -	21	Fair.
			Cowsheds - -		
Houses let in lodgings -	None	registered.	Milkshops . -	23	Satisfactory.
			Bakehouses - -	29	Moderate.
Slaughter-houses - -	29	Fair.	Offensive trades -	2	Fair.

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Unsatisfactory, byelaws very defective.

Date of Approval of Byelaws as to:—Scavenging, 1851; Nuisances, 1851; Common lodging-houses, 1851; New streets and buildings, 1851; Slaughter-houses, 1851; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1892.

(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., and III. adopted 1892.

(*d.*) Housing of the Working Classes Act, 1890; several closing orders obtained in 1892.

Medical Officer of Health.—William Henry Hallam, M.R.C.S., L.R.C.S. *Salary.*—50*l.* (without repayment). *Performance of Duties.*—Good.

Inspector of Nuisances.—John Price. *Salary.*—90*l.* (without repayment). *Performance of Duties.*—Active and zealous.

Repression of Nuisances.—Fair, except as regards "recurring" nuisances.

Isolation Hospital.—Temporary hospital for 18 beds erected 1872; now dilapidated, arrangements unsatisfactory.

Disinfecting Apparatus.—Ancient apparatus at hospital, not satisfactory.

Special Preparation for Cholera.—Handbills and posters giving precautions against cholera issued during autumns of 1892 and 1893.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Sweeting on April 21st, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement disposal.
(2.) Refuse disposal.
(3.) Drainage and sewerage.
(4.) Sewage disposal.
(5 Courts and insanitary houses.
(6.) Nuisances.
(7.) Byelaws.
(8.) Dairies, cowsheds, and milkshops.
(9.) Isolation provision.
(10.) Disinfecting apparatus.

NEWQUAY URBAN DISTRICT.

(Cornwall.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—July 3rd and 4th, 1894. *Area.*—311 acres. *Population.*—(1891) 1,891. *Inhabited Houses.*—(1891) 410. *Rateable Value.*—(1894) 7,819*l.* *Industries.*—Seaside resort, fishing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair on the whole; some houses condemned as unfit for habitation still occupied; not much crowding upon area; considerable overcrowding of persons in houses.

Water Supply.—From works of a private company. Water derived from three sources, (*a*) an old mining adit in the Ironstone Granite at Indian Queen; (*b*) an old mining adit at Ruthross, and (*c*) a deep well at Mountwise; no filtration; supply constant, but insufficient in dry years; quality apparently fair.

Sewerage and Drainage.—Sewered throughout; ventilated by roadway grids and vertical shafts; flushing by tanks at heads of sewers; sewage discharged into sea below low-water mark. House drainage satisfactory on the whole; sink wastes properly disconnected.

Excrement Disposal and Removal.—Waterclosets fitted with three-gallon flushing tanks inside houses; hand-flushed waterclosets outside houses.

Refuse Removal.—House refuse collected by Sanitary Authority twice a week, and removed to a tip outside district.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - -	8	Fair.
Houses let in lodgings	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	4	Fair.
Slaughter-houses -	3	Unsatisfactory.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fairly satisfactory.

Date of Approval of Byelaws as to:—Scavenging, 1894; Nuisances, 1894; Common lodging-houses, none; New streets and buildings, 1894; Slaughter-houses, 1894; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1892.
(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1892.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Arthur Hardwick, M.D., D.P.H. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Very good.

Inspector of Nuisances.—W. B. Butler. *Salary.*—15*l.* (with repayment).
Performance of Duties.—Fair.
Repression of Nuisances.—Fairly efficient.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on November 1st, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Courts and insanitary houses.
(4.) Waterclosets.
(5.) Slaughter-houses.
(6.) Dairies, cowsheds, and milkshops.

NEW ROMNEY BOROUGH.

(Kent.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—July 24th, 1894. *Area.*—1,287 acres. *Population.*—(1891) 1,366. *Inhabited Houses.*—(1891) 291. *Rateable Value.*—(1894) 5,396*l.* *Industries.*—Seaside resort, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair on the whole, but some damp, and some have floors below level of street; plenty of air space round dwellings; overcrowding of persons rare.

Water Supply.—At New Romney two public pumps, many private wells, some only 10 feet deep, dug in porous soil and liable to pollution from adjacent cesspools, privy vaults, &c. At Littlestone-on-Sea water supply obtained from well sunk in gravelly soil; water filtered through 18 inches of charcoal and 3 inches of sand.

Sewerage and Drainage.—No sewerage at New Romney. Slop water and discharges from some waterclosets conveyed to cesspools imperfectly constructed in sandy soil, and which are seldom or never emptied. At Littlestone the "Estate Company" have laid glazed and socketed pipes, with outfall on land; some sewage pumped at certain states of the tide into the sea; no suitable provision for ventilating or flushing sewers. House drainage at Littlestone satisfactory; unsatisfactory at New Romney.

Excrement Disposal and Removal.—At New Romney vault privies or hand-flushed closets discharging into cesspools; privy vaults source of grave nuisance. At Littlestone waterclosets in use; but some are of long hopper pattern, hand-flushed, and in a dirty state.

Refuse Removal.—Open ashpits at New Romney; removal of contents imposed upon occupier. At Littlestone "the Estate" sends round a cart weekly to collect refuse.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - -	3	Satisfactory.
Houses let in lodgings	None registered.		Cowsheds - - -		
Slaughter-houses -	3	Defective.	Milkshops - -		
			Bakehouses - -	2	Satisfactory.
			Offensive trades ..	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax and inefficient.
Date of Approval of Byelaws as to:—Scavenging, 1893; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—Richard Bevan, L.R.C.P., M.R.C.S., D.P.H. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Efficient (advice not acted on by Local Authority).
Inspector of Nuisances.—Albert Haywood. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Industrious, but lacks special knowledge.
Repression of Nuisances.—Unsatisfactory.
Isolation Hospital.—In 1893 the Local Authority erected a temporary iron hospital of 12 beds, arrangements not satisfactory.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on September 10th, 1894, when formal recommendations were made as regards the following matters:—
(1.) Water supply.
(2.) Sewerage and drainage.
(3.) Excrement and refuse disposal.
(4.) Action as regards nuisances.
(5.) Condition of dwellings.
(6.) Byelaws.
(7.) Dairies, cowsheds, and milkshops.

NORTHAM URBAN DISTRICT.

(Devonshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—May 11th, 1894. *Area.*—3,042 acres. *Population.*—(1891) 5,043. *Inhabited Houses.*—(1891) 1,045. *Rateable Value.*—(1894) 11,065*l.* *Industries.*—Seaside resort, fishing, shipping, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many old, damp, dilapidated, ill-drained, and badly ventilated houses at Appledore, Northam, and Northam Ridge; considerable huddling of houses on area at Appledore; occasional overcrowding of persons at Appledore.
Water Supply.—Chiefly obtained from shallow wells, frequently so situate as to be liable to dangerous pollution; two-thirds of the houses at Westward Ho and several houses at Appledore are supplied with water from private waterworks. Water supply of Appledore very insufficient.
Sewerage and Drainage.—The several centres of population in this district have been sewered in piecemeal fashion from time to time; arrangements for ventilation and flushing frequently faulty; sewage either discharged upon land or into sea. House drainage frequently very unsatisfactory; many sink wastes not properly disconnected.
Excrement Disposal and Removal.—Partly by waterclosets, many of which are hand-flushed, and partly by midden privies of bad type. Scavenging of privies imposed on tenants, and badly performed.
Refuse Removal.—House refuse at Appledore, Westward Ho, and Orchard Hill scavenged by contractors under Authority, at irregular intervals; in remaining portions of district, scavenging left to tenants.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - -	?	Some fair, but many filthy, and generally unsatisfactory.
Houses let in lodgings -	None registered.		Cowsheds - -		
Slaughter-houses -	4	Unsatisfactory.	Milkshops -		
			Bakehouses -	?	Moderate.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax.

Date of Approval of Byelaws as to:—Scavenging, 1879; Nuisances, 1879; Common lodging-houses, none; New streets and buildings, 1879; Slaughter-houses, 1879; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Ezekiel Rouse, L.R.C.P., M.R.C.S. *Salary.*—10*l.* 10*s.* (without repayment). *Performance of Duties.*—Has done good work under considerable difficulties.

Inspector of Nuisances.—C. F. Saunders. *Salary.*—100*l.* (without repayment). *Performance of Duties.*—Has too little time to devote to office of Nuisance Inspector.

Repression of Nuisances.—Fair.

Isolation Hospital.—Temporary iron and wood building erected near Appledore; no fittings, water supply, or means of drainage.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on November 7th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Sewerage.
(4.) House drainage.
(5.) Disposal of excrement and refuse.
(6.) Nuisances.
(7.) Insanitary houses.
(8.) Byelaws.
(9.) Dairies, cowsheds, and milkshops.

NORTH BIERLEY URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—March 2nd, 1894. *Area.*—4,309 acres. *Population.*—(1891) 22,178. *Inhabited Houses.*—(1891) 5,123. *Rateable Value.*—(1894) 69,386*l.* *Industries.*—Woollen manufacture, coal mining, iron smelting, railway works, dye works, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—As a rule very unsatisfactory, many consisting of one or two rooms, and damp; much crowding of dwellings upon area, and in addition about one-third of the houses are back-to-back; some overcrowding of persons in houses.

Water Supply.—Public supply from the works of the Bradford Corporation; supply constant, and of good quality; formerly much lead poisoning. Some houses supplied from springs with suspicious surroundings.

Sewerage and Drainage.—Sewered throughout; sewage of northern portions, after passing through depositing tanks, treated on land by broad irrigation; sewage of southern portion discharged untreated into a tributary of the River Calder. House drains fair on the whole; sink wastes properly disconnected as a rule.

Excrement Disposal and Removal.—Almost universally by means of midden privies, of which there are 3,130 in the district, about half of which are uncovered; the majority are of bad type, and a source of dangerous nuisance, many situate in close proximity to dwellings. Excremental nuisances common throughout the district.

Refuse Removal.—House refuse disposed of in middens; middens scavenged by a contractor under the Local Authority at irregular intervals, when notice given that middens require emptying, a method leading to storing of masses of filth for lengthened periods.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	133	Not supervised; some very unsatisfactory.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses -	None.	—
Slaughter-houses -	49	Some good, others filthy.	Offensive trades -	1	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Defective in the past, some signs of improvement recently.

Date of Approval of Byelaws as to:—Scavenging, 1866; Nuisances, 1866; Common lodging-houses, none; New streets and buildings, 1866; Slaughter-houses, 1866; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1886.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Sections II., III., and V. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Thomas Logan, M.D. *Salary.*—70*l.* (with repayment). *Performance of Duties.*—Active, and gives good advice.

Inspector of Nuisances.—Miles Morley. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—New appointment; apparently active and efficient.

Repression of Nuisances.—Very defective and inefficient hitherto.

Isolation Hospital.—Provided in combination with Cleckheaton, Hunsworth, and Tong Urban Districts; 34 beds; arrangements excellent.

Disinfecting Apparatus.—Steam disinfecting apparatus provided at Joint Hospital.

Special Preparation for Cholera.—Handbills giving precautions against cholera distributed; choleraic diarrhœa added to list of diseases to be notified; increased attention to scavenging, &c.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on April 24th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement disposal.
(2.) Condition of houses.
(3.) Inspection of nuisances.
(4.) Slaughter-houses.
(5.) Dairies, cowsheds, and milkshops.

NORWICH CITY AND COUNTY BOROUGH.

Inspector.—Dr. S. M. Copeman. *Date of Inspection.*—May 18th and 22nd, 1893. *Area.*—7,558 acres. *Population.*—(1891) 100,970.—*Inhabited Houses.*—(1891) 22,270. *Rateable value.*—(1893) 321,154*l.* *Industries.*—Manufacture of boots, shoes, mustard, galvanised iron wire; brewing and malting.

A.—Sanitary Circumstances.

Dwellings of the Poor.—In some of poorest quarters, as in Pockthorpe, houses damp and dilapidated, with filthy surroundings; comparatively little crowding of houses upon area; some overcrowding of persons in houses.

Water Supply.—Chiefly from works of private company, who obtain it from River Wensum; filtered through sand and gravel; supply constant; quality good. Many houses in poorer parts of city and suburbs supplied with water from surface wells, which are liable to dangerous excremental pollution.

Sewerage and Drainage.—Sewerage faulty, admitting large volumes of spring water, to deal with which pumping power inadequate; ventilated by surface openings, fall pipes, and a few vertical shafts; flushing occasionally carried out, but discouraged on account of difficulty of pumping; sewage treated on sewage farm. House drainage largely unventilated, recently improved.

Excrement Disposal and Removal.—Chiefly by waterclosets, of which many in poorer parts of city are hand flushed. In poorer parts many privy pits still in existence of most objectionable type. Scavenging of privies carried out by contractors under Sanitary Authority.

Refuse Removal.—Street scavenging performed by Authority. Removal of house refuse by contractors.

Registered Buildings and Trades:—

Common lodging-houses	8	One very good, others moderate.	Dairies - - Cowsheds - - Milkshops -	?	None registered.
Houses let in lodgings	None registered.		Bakehouses -	161	Some good, others very unsatisfactory.
Slaughter-houses - -	41	Unsatisfactory.	Offensive trades	3	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Supine until recently.

Date of Approval of Byelaws as to:—Scavenging, 1859; Nuisances, 1859; Common lodging-houses, 1854; New streets and buildings, 1888; Slaughter-houses, 1854; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; under Local Act.

(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., and V. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—William Harry Cooper-Pattin, M.B., D.P.H. *Salary.*—400*l.* (without repayment). *Performance of Duties.*—Energetic and efficient.

Inspector of Nuisances.—Joseph Brooks. *Salary.*—175*l.* (without repayment). *Performance of Duties.*—Intelligent and painstaking, but his single-handed efforts quite insufficient to cope with work of so large a city as Norwich.

Repression of Nuisances.—Fair.

Isolation Hospital.—Isolation hospital completed in 1893, with accommodation for 36 beds. Arrangements excellent.

Disinfecting Apparatus.—Goddard and Massey's high-pressure steam apparatus at hospital.

Special Preparation for Cholera.—Arrangements made for isolation of cholera cases if necessary. Handbills giving precautions against cholera issued by Board of Guardians.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Copoman on September 25th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Excrement disposal.
(3.) Scavenging.
(4.) Courts and insanitary houses.
(5.) Action in regard to nuisances.
(6.) Byelaws.
(7.) Increase of inspectorial staff.

OLDBURY URBAN DISTRICT.

(Worcestershire.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—August 30th and 31st, 1894. *Area.*—1,597 acres. *Population.*—(1891) 20,370. *Inhabited Houses.*—(1891) 3,883. *Rateable Value.*—(1894) 55,631*l.* *Industries.*—Ironworking, brickmaking, chemical manufactures, coal mining.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Houses in fairly good repair, but many very dirty; considerable number of back-to-back houses; occasional overcrowding of persons in houses.

Water Supply.—Chiefly from the works of the South Staffordshire Water Company; supply constant, and apparently of good quality; about 57 wells still in use as sources of water supply. The situations of some of the wells are such as to render them liable to pollution.

Sewerage and Drainage.—Partially sewered, on the separate system; some thickly populated parts still remain unsewered; sewers ventilated by means of street openings, and flushed by means of automatic flushing tanks; sewage after being treated with lime discharged on a sewage farm of 16 acres. House drainage satisfactory in portions of district that are sewered. Where there are no sewers, slops passed along surface in open channels to road drain, and thence to nearest watercourse.

Excrement Disposal and Removal.—Chiefly by midden privies, many of bad type. There are about 200 waterclosets in the district. Middens all scavenged by contractors under the Local Authority. The work of removal is not efficiently carried out.

Refuse Removal.—Refuse of all kinds is disposed of in the middens and removed with the nightsoil.

Registered Buildings and Trades:—

Common lodging-houses	2	Fair.	Dairies - -	?	Neither registered nor properly regulated.
Houses let in lodgings	None registered.		Cowsheds -		
			Milkshops -		
			Bakehouses -	?	Moderate.
Slaughter-houses - -	8	Moderate.	Offensive trades	2	Not satisfactory.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fair.

Date of Approval of Byelaws as to:—Scavenging, 1866; Nuisances, 1866; Common lodging-houses, 1866; New streets and buildings, 1866; Slaughter-houses, 1866; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Act, Amendment Act, 1890; Parts I., II., III., and IV. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Andrew Cunningham, M.B., C.M. *Salary.*—50*l.* (without repayment). *Performance of Duties.*—Perfunctory.

Inspector of Nuisances.—George Henry Robbins. *Salary.*—105*l.* (without repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fair as to common nuisances. Not satisfactory as regards recurring nuisances.

Isolation Hospital.—Isolation accommodation for small-pox provided in a block of cottages leased by Authority; arrangements unsatisfactory.

Disinfecting Apparatus.—Washington Lyons' super-heated steam disinfector provided at hospital.

Special Preparation for Cholera.—Posters and handbills giving precautions against cholera issued throughout district. Sewers more frequently flushed, &c.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on October 23rd, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.

(2.) Sewerage and house drainage.

(3.) Excrement disposal.

(4.) Condition of dwellings.

(5.) Byelaws.

(6.) Dairies, cowsheds, and milkshops.

ORMSKIRK URBAN DISTRICT.

(Lancashire.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—March 1st, 1894. *Area.*—573 acres. *Population.*—(1891) 6,298. *Inhabited Houses.*—(1891) 1,261. *Rateable Value.*—(1893) 21,468*l.* *Industries.*—Market town.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Some ill-ventilated, dirty, damp, and dilapidated houses; some crowded narrow courts; occasional overcrowding of persons.

Water Supply.—Public supply from a well 60 feet deep in New Red Sandstone, situate close to town; no filtration; service constant; supply adequate and apparently satisfactory in quality.

Sewerage and Drainage.—Sewered throughout; newer sewers have roadway grids for ventilation every 50 yards, and some vertical shafts; flushing by hose in summer; sewage discharged on a sewage farm of 60 acres, where it is treated by broad irrigation; effluent discharges into a brook. Many down spouts deliver direct into the sewers; otherwise house drainage is fairly satisfactory.

Excrement Disposal and Removal.—By means of midden privies of objectionable construction; many are large, open, deep, and wet; privies emptied by contractor "on an average four times yearly." There are also 320 waterclosets.

Refuse Removal.—A contractor removes house refuse at irregular intervals. Accumulations of refuse in middens observed at date of inspection. Scavenging of middens unsatisfactory.

Registered Buildings and Trades:—

Common lodging-houses.	12	Fair.	Dairies - - -	5	Satisfactory.
Houses let in lodgings.	None registered.		Cowsheds - -		
			Milkshops - -		
Slaughter-houses	5	Satisfactory, except one which was dirty.	Bakehouses -	19	"
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax.

Date of Approval of Byelaws as to:—Scavenging, 1881; Nuisances, 1881; Common lodging-houses, 1881; New streets and buildings, 1881; Slaughter-houses, 1881; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Wm. Anderton, F.R.C.S.E., M.R.C.P.E. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Has given good advice.

Inspector of Nuisances.—Richard Carruthers Ivey. *Salary.*—65*l.* (with repayment). *Performance of Duties.*—Good.

Repression of Nuisances.—Only moderate.

Isolation Hospital.—Recently erected on site of 1 acre; four wards with total of six beds.

Disinfecting Apparatus.—Washington Lyons' disinfector.

Special Preparation for Cholera.—A sheet of printed recommendations as to "prevention of cholera" freely distributed in town during 1893.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on April 4th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement and refuse disposal.
(2.) Sewerage and drainage.
(3.) Action in regard to nuisances.
(4.) Condition of dwellings.

PAIGNTON URBAN DISTRICT.

(Devonshire.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspecton.*—October 24th, 1894. *Area.*—5,177 acres. *Population.*—(1891) 6,783. *Inhabited Houses.*—(1891) 1,350. *Rateable Value.*—(1894) 28,850*l.* *Industries.*—Seaside resort, fishing, dairy farming.

A.—Sanitary Circumstances.

Dwellings of the Poor.—In older parts of Paignton there are a number of old, dilapidated, thatched houses. In outlying villages many old mud cottages, dilapidated, with thatched roofs and filthy interiors; little crowding of houses upon area; some overcrowding of persons in houses.

Water Supply.—Public supply obtained from springs and subsoil water, in a narrow valley near village of Blagdon; imperfectly filtered through sand and gravel; supply scanty. Many houses in Paignton and in the outlying villages supplied from wells and surface streams, which are liable to dangerous pollution.

Sewerage and Drainage.—Paignton partially sewered; outlying villages unsewered; parts of Paignton sewers constructed of rubble; ventilation effected by vertical shafts; one flushing chamber only in connexion with the sewers; sewage discharges into sea. House drainage, except in older parts, fairly satisfactory; in older parts many foul, badly-paved backyards, with defective gullies and defective house drains.

Excrement Disposal and Removal.—By waterclosets. In the outlying villages and poorer class dwellings the closets are hand-flushed, and in a large number of instances the soil pipes are either unventilated or very imperfectly ventilated.

Refuse Removal.—Refuse is collected in tubs or pails in the central parts of Paignton, and removed daily by Sanitary Authority. In outlying parts of Paignton refuse collected in ashpits, which are emptied by Sanitary Authority twice weekly. In outlying villages, refuse collected in ashpits or in heaps; removal imposed on tenants.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - -	50	Variable; in some instances very unsatisfactory.
			Cowsheds - -		
Houses let in lodgings	None registered.		Milkshops - -	6	Fair.
			Bakehouses -	15	Variable; some very bad.
Slaughter-houses - -	6	Variable.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Only moderately efficient.

Date of Approval of Byelaws as to:—Scavenging, 1869; Nuisances, 1889; Common lodging-houses, 1869; New streets and buildings, 1889; Slaughter-houses, 1889; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1890.
(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., and III adopted 1890.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Charles William Vickers, M.R.C.S., L.R.C.P. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Active and energetic.

Inspector of Nuisances.—W. J. Wyatt. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Not satisfactory.

Repression of Nuisances.—Only moderately efficient.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on November 16th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Excrement disposal.
(4.) Sewerage and house drainage.
(5.) Dairies, cowsheds, and milkshops.
(6.) Condition of dwellings.

PEMBERTON URBAN DISTRICT.

(LANCASHIRE.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—February 22nd, 1894. *Area.*—2,894 acres. *Population.*—(1891) 18,400. *Inhabited Houses.*—(1891) 3,337. *Rateable Value.*—(1893) 56,000*l.* *Industries.*—Coal mining, cotton factories, ironworks, stone quarries.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Fairly good as a rule; some houses dilapidated owing to subsidence of foundations from coal mining beneath; little crowding of houses on area; some back-to-back houses; overcrowding of persons not common now, though formerly frequent.

Water Supply.—Two separate sources (*a*) partly from an old mine shaft, and partly from a brook draining grass fields; (*b*) from springs 3 miles off and from surface water collected from cultivated and grass land; filtered through sand and gravel; supplies inadequate in dry weather; quality of water doubtful.

Sewerage and Drainage.—Sewered throughout; ventilated by roadway grids and by vertical shafts; sewers flushed by hose in summer at frequent intervals; outfall on sewage farm 100 acres in extent; sewage treated by broad irrigation; effluent finally discharges into the River Douglas. Separate system for storm water. House drainage apparently satisfactory.

Excrement Disposal and Removal.—By means of covered midden privies (2,699 in number); some middens deep, large, and wet. There are only some 75 waterclosets in the district.

Refuse Removal.—Removal of refuse done in part by a contractor and in part by the Local Authority.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - -	58	Moderately good.
Houses let in lodgings	None registered.		Cowsheds - -		
Slaughter-houses -	9	Fair.	Milkshops -		
			Bakehouses -	46	Good.
			Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Formerly inefficient, now improved.

Date of Approval of Byelaws as to:—Scavenging, 1873; Nuisances, 1873 Common lodging-houses, 1873; New streets and buildings, 1873; Slaughter-houses, 1873; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1889.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Robert Hartley, M.R.C.S., L.R.C.P. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Satisfactory of late.

Inspector of Nuisances.—Peter Taberner. *Salary.*—90*l.* (with repayment). *Performance of Duties.*—Good.

Repression of Nuisances.—Fair.

Isolation Hospital.—One pavilion with four wards, with total accommodation for eight patients erected in 1886.

Disinfecting Apparatus.—Goddard and Massey's gas disinfecting stove.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on April 5th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Excrement and refuse disposal.
(3.) Condition of dwellings.
(4.) Byelaws.

PENRYN BOROUGH.

(Cornwall.)

Inspector.—Dr. H. T. Bulstrode. *Date of Inspection.*—June 7th and 8th, 1893. *Area.*—291 acres. *Population.*—(1891) 3,256. *Inhabited Houses.*—(1891) 772. *Rateable Value.*—(1893) 8,000*l.* *Industries.*—Granite quarries, market gardens, manure works, tanneries, paper mills, iron foundry.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Condition of dwellings fair on the whole; some crowding of dwellings upon area; some overcrowding of persons in houses.

Water Supply.—Chiefly from the works of the Falmouth Water Company obtained from gathering ground on Antron Moor. Certain parts of the town supplied with water from a gathering ground polluted by cattle. Praze Road is partly supplied from a small stream which runs through a highly manured market garden, and partly from the poor-house pump, the water from which was dangerously polluted at the time of inspection, and was apparently instrumental in spreading typhoid fever in the district.

Sewerage and Drainage.—Sewerage very imperfect, constantly liable to blockage; ventilation extremely defective; no inspection chambers, and no means provided to secure proper flushing; sewage discharged into the tidal river close to the Quay. House drains not properly ventilated or disconnected from the sewer.

Excrement Disposal and Removal.—About one third of the houses furnished with waterclosets, of which the majority are hand-flushed; the remaining houses provided with privy pits of bad type, and of which an enormous number were found to be in a most offensive and disgusting condition at the time of inspection. Scavenging imposed upon tenants, and grossly neglected.

Refuse Removal.—House refuse when deposited in movable receptacles nominally removed daily by a farmer under contract with the Local Authority. Where deposited in ashpits, removal imposed on occupiers. Large collections of filth observed throughout the district.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Cowsheds - - -	10	Bad.
Houses let in lodgings	None registered.		Milkshops - -	10	Bad.
Slaughter-houses - -	3	Bad.	Bakehouses - -	4	Indifferent.
Dairies - - - -	68	Bad.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very inefficient.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New street and buildings, none; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken

Medical Officer of Health.—James Blamey, M.R.C.S., L.S.A. *Salary.*—30*l.* (without repayment). *Performance of Duties.*—Does his best under very difficult circumstances.
Inspector of Nuisances.—W. H. Dunstan. *Salary.*—12*l.* 10*s.* (without repayment). *Performance of Duties.*—Indifferent.
Repression of Nuisances.—Gravely neglected.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bulstrode on August 11th, 1893, when formal recommendations were made as regards the following matters :—
(1.) Isolation accommodation.
(2.) Water supply.
(3.) Sewerage and drainage.
(4.) Excrement disposal and removal.
(5.) Byelaws.
(6.) Dairies, cowsheds, and milkshops.

PENRITH URBAN DISTRICT.

(Cumberland.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—January 2nd, 1894. *Area.*—7,587 acres. *Population.*—(1891) 8,981. *Inhabited Houses.*—(1891) 1,972. *Rateable Value.*—(1893) 44,139*l.* *Industries.*—Market town.

A.—Sanitary Circumstances.

Dwellings of of the Poor.—On the whole fair; many houses damp; some crowding of dwellings upon area in confined courts and yards; overcrowding of persons in a few instances.
Water Supply.—From the River Eamont, pumped to supply reservoir, and delivered without filtration. The Eamont liable to pollution from sewage, and sludge taken from Penrith sewage tanks has been spread on fields bordering upon the river about a mile above intake.
Sewerage and Drainage.—Sewered throughout; ventilation formerly by roadway grids, but, with only 24 exceptions, these have been closed; in higher parts of town gas lamps connected with sewer openings; flushing of sewers fortnightly in summer; sewer outfall on land near river; solids deposited in settling tanks and the effluent used to irrigate grass land. House drainage satisfactory on the whole.
Excrement Disposal and Removal.—Mostly by means of waterclosets with proper flushing apparatus. A few closets are hand-flushed. About 100 midden privies still exist in the town.
Refuse Removal.—The Local Authority's carts collect refuse twice weekly, and convey it to a tip in a disused quarry, 1½ miles from the town. Refuse is kept, till carts collect it, in movable receptacles.
Registered Buildings and Trades :—

Common lodging-houses	3	Two satisfactory, one not.	Dairies - - Cowsheds - - Milkshops -	37	Fairly good.
Houses let in lodgings	None registered.				
Slaughter-houses -	5	Satisfactory.	Bakehouses -	?	Good.
			Offensive trades -	3	Moderately good.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Satisfactory on the whole, except as regards water supply.

Date of Approval of Byelaws as to:—Scavenging, 1883; Nuisances, 1883; Common lodging houses, 1883; New streets and buildings, 1883; Slaughter-houses, 1883; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1889.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889, adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., and V. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—J. D. Robertson, M.D., L.R.C.S. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Efficient.
Inspector of Nuisances.—William Speedy. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—Good.
Repression of Nuisances.—Fair.
Isolation Hospital.—Twelve beds in two pavilions; buildings of a temporary character, but a new hospital in course of erection to have eight beds in two pavilions on a site of 2½ acres.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on February 7th, 1894, when formal recommendations were made as regards the following matters:—
(1.) Water supply.
(2.) Sewerage and drainage.
(3.) Excrement and refuse disposal.
(4.) Action in regard to nuisances.
(5.) Common lodging-houses.

PEMBROKE BOROUGH.

(Pembrokeshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—23rd and 24th August 1893. *Area.*—4,618 acres. *Population.*—(1891) 14,978. *Inhabited Houses.*—(1891) 2,861. *Rateable Value.*—(1893) 23,816*l.* *Industries.*—Agricultural centre, naval dockyard, fishing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—As a rule clean and well kept; very little crowding of dwellings on area, except at Ferryside; apparently no overcrowding of persons.
Water Supply.—Public water supply obtained from springs in the Red Sandstone; also from wells sunk in the Red Sandstone; a certain number of houses supplied from rainwater tanks. A considerable scarcity of water at Pembroke Dock.
Sewerage and Drainage.—No systematic sewerage; most of the sewers are old rubble drains meant for surface water only; no arrangements for ventilation or flushing. Sewage discharged into tidal waters. House drainage very imperfect; many rubble drains; ventilation rare.
Excrement Disposal and Removal.—About one third waterclosets; the remaining two thirds midden privies of bad type. Scavenging imposed upon householders, and consequently much accumulation of filth in neighbourhood of dwellings.
Refuse Removal.—House refuse stored in ashpits or middens. In Pembroke proper, scavenging of house refuse imposed upon householders. In Pembroke Dock scavenging performed by staff of Corporation.

Registered Buildings and Trades :—

Common lodging-houses	8	Fair.	Dairies - - -	21	Indifferent.
Houses let in lodgings -	None registered.		Cowsheds - - -		
			Milkshops - -		
			Bakehouses - -	23	Fair.
Slaughter-houses -	8	Indifferent.	Offensive trades -	None.	--

B.—Sanitary Administration.

Administration by Sanitary Authority.—Not satisfactory.

Date of Approval of Byelaws as to:—Scavenging, 1881; Nuisances, 1881; Common lodging-houses, 1881; New streets and buildings, 1881; Slaughter-houses, 1881: Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1892.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Howard David Reynolds, M.R.C.S., L.R.C.P. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—Active and energetic, but not sufficiently supported by his Authority.

Inspector of Nuisances.—T. S. Hancock. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—New appointment.

Repression of Nuisances.—Hitherto nuisances insufficiently dealt with.

Isolation Hospital.—Building fitted with five beds, kept for small-pox. Arrangements not satisfactory.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

No Final Conference was held with this Authority. A letter was written by the Board, in which formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Sewerage.
(3.) House drainage.
(4.) Disposal of excrement and refuse.
(5.) Action with regard to nuisances.
(6.) Insanitary houses.
(7.) Condition of village of Pembroke Ferry.

POOLE BOROUGH.

(Dorsetshire.)

Inspector.—Dr. H. T. Bulstrode. *Date of Inspection.*—June 28th to July 1st, 1893. *Area.*—5,333 acres. *Population.*—(1891) 15,438. *Inhabited Houses.*—(1891) 3,040. *Rateable Value.*—(1893) 49,268*l.* *Industries.*—Fishing, brick-making, pottery, twine and rope factories, breweries, iron and brass foundries, ultramarine works.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many houses in crowded parts of St. James' parish dirty and dilapidated; in other parts of Borough, conditions fair on the whole; great huddling of dwellings on area in St. James' parish; some overcrowding of persons.

Water Supply.—Public supply obtained from the springs in the Bagshot Sands; not filtered; supply constant, and apparently of fair quality, except as regards its action on iron.

Sewerage and Drainage.—No proper sewerage; better class houses drain into cesspools; in more thickly populated parts of St. James' parish slopwater thrown into iron or stone channels, which empty into rubble or pipe drains, sewage eventually having its outfall into the harbour. House drainage in St. James' parish chiefly by surface channels, which are frequently very defective. Drains of better class houses rarely properly ventilated or disconnected.

Excrement Disposal and Removal.—By waterclosets in better class houses, by privy pits in the poorer parts of the Borough; these pits are situate in proximity to houses, and frequently give rise to nuisance. Scavenging undertaken by contractors, who empty pits "when full." Sometimes intervals as great as 20 years.

Refuse Removal.—House refuse deposited in pails and boxes, and collected by Sanitary Authority at frequent intervals.

Registered Buildings and Trades:—

Common lodging-houses	3	Indifferent.	Dairies - -	8	Regulations not enforced.
			Cowsheds - -	17	
Houses let in lodgings	None registered.		Milkshops - -	40	
			Bakehouses - -	39	Indifferent.
Slaughter-houses -	8	Indifferent.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very indifferent.

Date of Approval of Byelaws as to:—Scavenging, 1875; Nuisances, 1875; Common lodging-houses, none; New streets and buildings, 1875; Slaughter-houses, 1875; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1893.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1893.
(*d.*) Housing of the Working Classes Act, 1890; some action taken, but much more remains to be done.

Medical Officer of Health.—Herbert Alfred Lawton, M.D., D.P.H. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Energetic.

Inspector of Nuisances.—John Elford, Memb. San. Inst. *Salary.*—100*l.* (with repayment). *Performance of Duties.*—Has but little time to devote to inspection. Work done by Assistant Inspector recently appointed.

Repression of Nuisances.—Imperfectly dealt with.

Isolation Hospital.—Permanent hospital, with six beds, provided in 1875. Temporary hospital for small-pox erected in 1886. No adequate fencing round hospital.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Notices giving precautions against cholera issued in 1892.

C.—Final Conference and Recommendations.

No *Final Conference* with Sanitary Authority held, but special report printed, and recommendations forwarded as regards the following matters:—

(1.) Sewerage.
(2.) Excrement disposal.
(3.) Dwellings and their precincts.
(4.) Byelaws.
(5.) Hospital provision.
(6.) Sanitary administration.
(7.) Inspection of the district.

PUDSEY URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. T. Horne. *Date of Inspection.*—July 4th to 6th, 1893. *Area.*—2,400 acres. *Population.*—(1891) 13,444. *Inhabited Houses.*—(1891) 3,095. *Rateable Value.*—(1893) 37,800*l.* *Industries.*—Woollen mills, boot and shoe manufactories, brick-making.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Built of stone. Many dilapidated, damp, ill-ventilated, with unpaved yards; no noticeable crowding of houses on area; occasional overcrowding of persons in houses.

Water Supply.—Chiefly from the works of the Bradford Corporation High Level Supply; filtered through sand and treated with chalk. Supply constant, and apparently of good quality. Several houses obtain their supply from wells, some of which are liable to pollution.

Sewerage and Drainage.—No sewerage system; sewage passed into old stone rubble drains, and there are 12 main drains in the district; five discharge into mill dams, three into small watercourses, two into Pudsey Beck, one into Farsley Beck, and one on land. House drainage very defective. Many sink wastes communicate directly with rubble drains.

Excrement Disposal and Removal.—Universally by means of privy middens of bad type; many situate in close proximity to the dwellings. Middens emptied by contractors at intervals of one month from June to September, and at intervals of two months during the rest of the year.

Refuse Removal.—House refuse is disposed of in the middens, and removed with the nightsoil.

Registered Buildings and Trades:—

Common lodging-houses	3	One fair, two indifferent.	Dairies - - -	72	Bad.
			Cowsheds - -		
Houses let in lodgings	None	registered.	Milkshops -	4	Indifferent.
			Bakehouses - -	14	Indifferent.
Slaughter-houses -	20	Two good, the rest bad.	Offensive trades -	5	Indifferent.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Not satisfactory.

Date of Approval of Byelaws as to:—Scavenging, 1873; Nuisances, 1873; Common lodging-houses, 1873; New streets and buildings, 1873; Slaughter-houses, 1873; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1892.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.

(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.

(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; 6 houses pulled down and 12 others closed by preliminary notice.

Medical Officer of Health.—William Lovell Hunter, M.D., D.P.H. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Excellent.

Inspector of Nuisances.—Robert William Cass, Cert. San. Inst. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—Able and hard-working.

Repression of Nuisances.—Common nuisances dealt with at once. Recurring nuisances also dealt with when support by Sanitary Authority can be obtained.

Isolation Hospital.—Provided in combination with Idle, Calverley, Farsley, and Eccleshill Urban Districts. 24 beds. Arrangements satisfactory.

Disinfecting Apparatus.—Steam disinfecting apparatus provided at hospital.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Horne on September 11th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Sewerage.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) House drainage.
(5.) Dwelling accommodation.
(6.) Byelaws.

PWLLHELI BOROUGH.

(Carnarvonshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—August 14th and 15th, 1893. *Area.*—1,087 acres. *Population.*—(1891) 3,231. *Inhabited Houses.*—(1891) 793. *Rateable Value.*—(1892) 6,673*l*. *Industries.*—Seaside resort, market town, fishing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair, as a rule; houses closely packed together in central parts of the town; overcrowding of persons in houses rare.

Water Supply.—From works of Pwllheli Water Company; water obtained from springs situate five miles from Pwllheli; filtered through sand; constant service; quality apparently good. A few houses obtain water from wells.

Sewerage and Drainage.—Sewered throughout; ventilated by shafts and street gratings; flushing carried out weekly; sewage discharged into tidal estuary. House drainage satisfactory.

Excrement Disposal and Removal.—Chiefly by waterclosets with separate flushing systems; some flushed by stool-cocks, and a few by hand. Some privy middens; the scavenging of which is left to the tenants.

Refuse Removal.—House refuse disposed of in ashpits. Scavenging imposed upon tenants. Ashpits emptied on an average once a month.

Registered Buildings and Trades:—

Common lodging-houses	2	Fair.	Dairies - -	None.	—
Houses let in lodgings	None registered.		Cowsheds - -		
Slaughter-houses -	5	Bad.	Milkshops -		
			Bakehouses -	?	Fair.
			Offensive trades -	1	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Anxious to improve the condition of their district.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1880; Common lodging-houses, 1880; New streets and buildings, 1880; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infections Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts I. and III. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Hugh Rees, M.R.C.S., L.S.A. *Salary.*—(?) (with repayment). *Performance of Duties.*—Medical Officer of Health invalided at time of inspection.

Inspector of Nuisances.—John Owen Jones. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Active and intelligent.
Repression of Nuisances.—Fair.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—Handbills giving precautions against cholera circulated throughout district, and arrangements made for gratuitous supply of disinfectants.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on September 14th, 1893, when formal recommendations were made as regards the following matters :—
(1.) Isolation provision.
(2.) Courts and insanitary houses.
(3.) Byelaws.
(4.) Excrement disposal.
(5.) Scavenging.
(6.) Nuisances.
(7.) Water supply to waterclosets.

RAMSEY URBAN DISTRICT.

(Huntingdonshire.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—September 4th, 1894. *Area.*—17,033 acres. *Population.*—(1891) 4,684. *Inhabited Houses.*—(1891) 1,042. *Rateable Value.*—(1894) 11,534*l.* *Industries.*—Agriculture, manure works, flour mills.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Dwellings of labouring classes in many instances very unsatisfactory; many old, dilapidated, damp, ill-ventilated, and badly lighed, with filthy surroundings; not much crowding of houses upon area; some overcrowding of persons.
Water Supply.—The town of Ramsey is supplied from two public sources: (*a*) well sunk in gravel, and (*b*) surface water from pasture land, imperfectly filtered. Many private wells, some liable to pollution. Outlying hamlets obtain water from dykes, the old River Nen, and from wells.
Sewerage and Drainage.—Sewered by pipes which discharge into brick culverts, which in their turn empty into a canal basin communicating with the old River Nen; ventilated by a few iron shafts and flushed by a water cart. Hamlets not sewered. House drains, in some instances, defective; many old bell traps still in use.
Excrement Disposal and Removal.—Chiefly by means of pit or vault privies, which are a source of much nuisance. Scavenging is carried out by Sanitary Authority's own staff, the privies being emptied about four or five times a year.
Refuse Removal.—Refuse collected in ashpits, which are mostly uncovered, and removed by Authority's own staff at Ramsey and at Forty Foot Bridge. In remaining hamlets scavenging left to tenants.
Registered Buildings and Trades :—

Common lodging-houses	None.	—	Dairies - -	?	Neither registered nor regulated.
Houses let in lodgings	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	7	Fair.
Slaughter-houses -	4	Variable.	Offensive trades -	One	Moderate.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inactive and dilatory, but some signs of improvement lately.

Date of Approval of Byelaws as to:—Scavenging, 1873; Nuisances, 1873; Common lodging-houses, 1873; New streets and buildings, 1873; Slaughter-houses, 1873; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adopton of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1894.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Charles Pope Bates, M.R.C.S., L.S.A. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Efficient.

Inspector of Nuisances.—L. H. Greig. *Salary.*—50*l.* (with repayment) *Performance of Duties.*—Active and intelligent.

Repression of Nuisances.—Inefficient as regards recurring nuisances.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Handbills giving precautions against cholera issued in 1893, and increased attention to scavenging.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on October 8th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) House drainage and sewerage.
(4.) Excrement disposal.
(5.) Condition of dwellings.

RAMSGATE BOROUGH.

(Kent.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—August 1st, 1894. *Area.*—2,343 acres. *Population.*—(1891) 24,733 (trebled in summer months). *Inhabited Houses.*—(1891) 4,958. *Rateable Value.*—(1894) 118,118*l.* *Industries.*—Seaside health resort, also some fishing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair on the whole; no marked crowding upon area; overcrowding of persons said to be common during summer season in poorer class dwellings.

Water Supply.—Derived from wells and adits in the Chalk; no filtration; Corporation on the alert to avoid possible contamination of water in the Chalk round Ramsgate; supply adequate at present.

Sewerage and Drainage.—Sewered throughout; ventilation formerly by roadway grids, but many of these now closed owing to public feeling against them; vertical shafts substituted at irregular intervals; flushing arrangements apparently satisfactory; sewage discharged into sea. House drainage fairly satisfactory.

Excrement Disposal and Removal.—Chiefly by waterclosets, majority of which have proper flushing apparatus; some however hand-flushed. A few privies still exist on outskirts of the town.

Refuse Removal.—Corporation carts collect refuse daily; scavenging appears satisfactory.

Registered Buildings and Trades:—

Common lodging-houses	3	Two well conducted, one dirty.	Dairies - - -	69	Satisfactory.
			Cowsheds - -		
			Milkshops - - -		
Houses let in lodgings	None registered.		Bakehouses - -	42	"
Slaughter-houses - -	21	Fair.	Offensive trades -	—	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Efficient.

Date of Approval of Byelaws as to:—Scavenging, 1885; Nuisances, 1885; Common lodging-houses, 1885; New streets and buildings, 1886; Slaughter-houses, 1885; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1887.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Thomas George Styan, M.D., M.R.C.S. *Salary.*—150*l.* (with repayment). *Performance of Duties.*—Efficient.

Inspector of Nuisances.—William David Millard. *Salary.*—150*l.* (with repayment). *Performance of Duties.*—Very satisfactory.

Repression of Nuisances.—Fair.

Isolation Hospital.—In combination with Margate Urban, Broadstairs, Urban, and Thanet Rural, hospital provided 1 mile from Ramsgate. 44 beds in three pavilions.

Disinfecting Apparatus.—Washington Lyons' disinfector.

Special Preparation for Cholera.—A double villa on outskirts of town secured as a cholera hospital. Nursing staff would be engaged as required. Special inspection of town made and an Assistant Inspector engaged for purpose of regularly visiting poorer dwellings. 5,000 leaflets distributed urging cleanliness and other precautions. Extra flushing of sewers with disinfectants. Special powers given to Medical Officer to meet emergencies.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on 21st September 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation hospital.
(2.) Water supply.
(3.) Sewerage and drainage.
(4.) Waterclosets.

RIPLEY URBAN DISTRICT.

(Derbyshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—May 21st, 1894. *Area.*—1,232 acres. *Population.*—(1891) 6,813. *Inhabited Houses.*—(1891) 1,354. *Rateable Value.*—(1894) 18,550*l.* *Industries.*—Coal mining and iron-working.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Great majority of recent construction; some groups of damp and dilapidated houses at Holly Bush, Barrack Yard, and Station Terrace; no crowding of houses upon area; occasional overcrowding of persons.

Water Supply.—Public supply chiefly from a well; water very scanty; water also obtained from a disused pit shaft; water from this source plentiful, and probably pure; no filtration. A few wells (some polluted) are still in use.

Sewerage and Drainage—Sewered throughout; arrangements for ventilation and flushing insufficient; sewage disposed of by means of broad irrigation on sewage farm. House drainage frequently defective; yard gullies often untrapped or furnished with bell traps.

Excrement Disposal and Removal.—Privy middens almost universal; many uncovered, deep, and unpaved. Scavenging left to tenants, and neglected.

Refuse Removal.—House refuse and ashes disposed of in middens, the scavenging of which is imposed upon tenants. Work much neglected. Many overflowing middens observed at date of inspection.

Registered Buildings and Trades :—

Common lodging-houses	3	Clean, but crowded.	Dairies - -	21	Cowsheds dark, dirty, and confined. Drainage bad.
Houses let in lodgings	None registered.		Cowsheds - -	19	
Slaughter-houses -	14	Well constructed and clean.	Milkshops -	None.	—
			Bakehouses -	8	Clean and airy.
			Offensive trades	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authortiy.—Rather lax.

Date of Approval of Byelaws as to :—Scavenging, none; Nuisances, 1868; Common lodging-houses, 1868; New streets and buildings, 1868; Slaughter-houses, 1868; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1890.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1892.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Edward Gaylor, L.R.C.P. and L.F.P.S. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Efficient.

Inspector of Nuisances.—Charles Shelton. *Salary.*—25*l.* (with repayment). *Performance of Duties.*—Does not give sufficient time to his duties.

Repression of Nuisances.—Inefficient.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr Wilson on June 12th, 1894, when formal recommendations were made as regards the following matters :—

(1.) Isolation provision.
(2.) House drainage.
(3.) Nuisances.
(4.) Byelaws.
(5.) Cowsheds and dairies.

ROSS URBAN DISTRICT.

(Herefordshire.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—December 7th, 1893. *Area.*—109 acres. *Population.*—(1891) 3,575. *Inhabited Houses.*—(1891) 751. *Rateable Value.*—(1893) 12,808*l.* *Industries.*—Market town.

A.—Sanitary Circumstances.

Dwellings of the Poor.—On the whole fair, but some damp and dilapidated; some crowding of houses upon area; no marked overcrowding of persons.

Water Supply.—Public supply derived from four bore wells in the Old Red Sandstone, about half a mile from Ross; no filtration; supply constant; apparently satisfactory in quality and quantity. Some houses still supplied from private wells liable to pollution.

Sewerage and Drainage.—Sewerage piecemeal; some of it defective; ventilation inadequate, and arrangements for flushing insufficient. Two outfalls discharge untreated sewage, one to the River Wye, the other to a tributary brook, and in hot weather nuisance is created.

Excrement Disposal and Removal.—Chiefly by waterclosets, of which there are 588 in the town, of which 361 are hand-flushed, and their condition is often very unsatisfactory. Soil pipes not always efficiently ventilated. There are 231 pit privies in Ross; some of which are dilapidated, and are a source of nuisance.

Refuse Removal.—Ashes and house refuse removed weekly by Sanitary Authority, and conveyed to a tip outside the town.

Registered Buildings and Trades:—

Common lodging-houses	4	Fair.	Dairies - -	1	Satisfactory.
Houses let in lodgings	None registered.		Cowsheds -		
Slaughter-houses - -	6	Moderately good	Milkshops -	1	"
			Bakehouses -	12	Some clean, others hardly satisfactory.
			Offensive trades	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1874; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, 1874; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Edward Molineux Knapp, L.R.C.P., M.R.C.S. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Satisfactory, but his advice not always acted upon.

Inspector of Nuisances.—Henry Digwood. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Diligent, but not supported by Sanitary Authority if he attempts to enforce byelaws.

Repression of Nuisances.—Scarcely satisfactory.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on February 2nd, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Excrement and refuse disposal.
(4.) Sewerage.
(5.) Action in regard to nuisances.
(6.) Byelaws.

RUNCORN URBAN DISTRICT.

(CHESHIRE.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—December 3rd, 1894. *Area.*—1,179 acres. *Population.*—(1891) 20,050. *Inhabited Houses.*—(1891) 3,709. *Rateable Value.*—(1894) 58,000*l.* *Industries.*—Chemical works, engineering works, and tanneries.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Some damp, some dirty, and some without through ventilation; some crowding of houses in narrow courts; apparently no overcrowding of persons.

Water Supply.—From deep well sunk 300 feet in New Red Sandstone upon high ground above town; no filtration; supply constant and adequate in quantity.

Sewerage and Drainage.—Old square drains in parts of town being replaced by glazed and socketed pipes with cement joints; ventilation by roadway grids; flushing effected by a movable tank discharged down manholes; outfall into estuary of Mersey. House drainage now fairly satisfactory.

Excrement Disposal and Removal.—Chiefly by objectionable midden privies; of late years many middens reduced in size, but there are still a number which are large, deep, open, foul, wet; a few slop-waterclosets recently introduced. Scavenging by Local Authority on receipt of notice.

Refuse Removal.—Privy middens emptied (upon notice) by Local Authority about four or five times a year. Buckets or metal dust-bins for house refuse are being now introduced.

Registered Buildings and Trades:—

Common lodging-houses	5	Satisfactory.	Dairies - -	14	Satisfactory.
			Cowsheds - -		
Houses let in lodgings	447	Fair.	Milkshops -	39	,,
			Bakehouses - -	None registered.	
Slaughter-houses - -	2	One unsatisfactory.	Offensive trades -	1	Satisfactory.

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Formerly lax, now improving.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, 1885; New streets and buildings, 1857; Slaughter-houses, 1867; Offensive trades, none.

Regulation as to Dairies, Cowsheds, and Milkshops.—Adopted 1886.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., and V. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; 16 houses closed as unfit for habitation in 1893.

Medical Officer of Health.—Finlay McDougall, L.R.C.S. and L.R.C.P. *Salary.*—65*l.* (without repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—Jas. Perceval. *Salary.*—125*l.* (with repayment). *Performance of Duties.*—Industrious and zealous.

Repression of Nuisances.—Fair.

Isolation Hospital.—Hospital with 12 beds in two wards erected near town in 1881. Some temporary buildings (with 20 beds) for small-pox erected on same site, causing crowding upon the area of the site, which is only 1 acre in extent.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Greater attention given to scavenging of the town.

C.—Final Conference and Recommendations.

No Final Conference with Sanitary Authority was held, but verbal recommendations were given to Clerk, dealing with the following matters:—

(1.) Ventilation of sewers.
(2.) Midden privies.
(3.) Isolation hospital.

RYE BOROUGH.

(Sussex.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—September 5th, 1894. *Area.*—973 acres. *Population.*—(1891) 3,871. *Inhabited Houses.*—(1891) 849. *Rateable Value.*—(1894) 10,746*l.* *Industries.*—Market town.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair, but some are dilapidated; some crowding of houses in old part of the town; apparently no overcrowding of persons.

Water Supply.—Derived from two springs about half a mile north of the centre of the town, at the foot of some cliffs, and close to a roadside; no filtration; water in some danger of contamination from sewage from houses on the cliffs.

Sewerage and Drainage.—Sewered piecemeal since 1850; some old brick sewers defective; ventilation insufficient; flushing partly by means of sea water; sewage discharged by three outfalls into tidal river. House drainage in the newer parts of the town more satisfactory than in the older portions.

Excrement Disposal and Removal.—By waterclosets in better class houses, with proper flushing apparatus, but in poorer dwellings the closets are out of doors, and are hand-flushed; the latter often create nuisance from their dirty state.

Refuse Removal.—The Local Authority contract for the weekly removal of house refuse; some of the refuse purchased by farmers; but large accumulations of refuse remain at the depôt for long periods, polluting the air for some distance round.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - -	8	Fair.
			Cowsheds - -		
Houses let in lodgings	None registered.		Milkshops -	12	Satisfactory.
			Bakehouses -	13	"
Slaughter-houses -	6	Mostly satisfactory.	Offensive trades -	2	"

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax.

Date of Approval of Byelaws as to:—Seavenging, 1871; Nuisances, 1871; Common lodging-houses, none; New streets and buildings, 1871; Slaughter-houses, 1871; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Albert Edward Vidler, M.R.C.S., L.R.C.P., L.S.A. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—Joseph Adams. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—An earnest and intelligent worker.

Repression of Nuisances.—Fair.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—Arrangements made to erect, if necessary, tent hospitals on Corporation land. A nursing staff would be temporarily engaged when required.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on 27th September 1894, when formal recommendations were made as regards the following matters :—

(1.) Water supply.
(2.) Isolation accommodation.
(3.) Sewerage and drainage.
(4.) Ultimate disposal of refuse.
(5.) Waterclosets.
(6.) Dairies, cowsheds, and milkshops.

RYTON URBAN DISTRICT.

(Durham.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—July 13th and 14th, 1893. *Area.*—5,150 acres. *Population* (1891) 5,553. *Inhabited Houses.*—(1891) 1,073. *Rateable Value.*—(1893) 27,474*l.* *Industries.*—Coal mining and agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Newer houses well built; many old cottages in bad repair, damp, and unfit for habitation; many back-to-back houses; considerable overcrowding of persons.
Water Supply.—Public supply obtained from two springs at Chopwell; no filtration; supply liable to fail during periods of drought.
Sewerage and Drainage.—Ryton and part of Crawcrook sewered; ventilation by street gratings, flushed from public water supply when water is plentiful; sewage discharged into River Tyne. Other villages discharge slops into open channels or pipe sewers, which empty into the nearest watercourse. House drainage very defective; gullies often untrapped, or supplied with bell-traps only.
Excrement Disposal and Removal.—With the exception of a few waterclosets at Ryton, excrement disposed of in the ordinary type of privy midden found in pit villages. Scavenging left to tenants.
Refuse Removal.—House refuse and ashes disposed of in privy middens. Scavenging left to tenants. The work well attended to in pit villages, but neglected elsewhere.
Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - -	13	Not looked after; many dirty, and drainage very bad.
Houses let in lodgings	None registered.		Cowsheds -		
Slaughter-houses -	?	Bad.	Milkshops -		
			Bakehouses -	None.	—
			Offensive trades	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Have done good work, but much still remains to be done.
Date of Approval of Byelaws as to:—Scavenging, 1866; Nuisances, 1866; Common lodging-houses, none; New streets and buildings, 1866; Slaughter-houses, 1866; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.

Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889 ; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890 ; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890 ; not adopted.
(*d.*) Housing of the Working Classes Act, 1890 ; no action taken.

Medical Officer of Health.—Philip Brown, M.D. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Moderate.

Inspector of Nuisances.—John P. Dalton. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—New appointment.

Repression of Nuisances.—Recurring nuisances not efficiently dealt with in the past.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Posters giving precautions against cholera were issued in 1892.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on July 31st, 1893, when formal recommendations were made as regards the following matters :—
(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) House drainage.
(5.) Byelaws.

ST. IVES BOROUGH.

(Cornwall.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—October 31st, 1894. *Area.*—1,890 acres. *Population.*—(1891) 6,094. *Inhabited Houses.*—(1891) 1,478. *Rateable Value.*—(1894) 14,938*l.* *Industries.*—Fishing, shopkeeping, market gardening, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Usually well built and clean ; houses in old town greatly crowded on area ; occasional overcrowding of persons in houses.

Water Supply.—Public supply from five separate sources : (*a*) drainage from mines near Kellesveor, (*b*) drainage from mines situate on hill above St. Ives, (*c*) drainage from Chy-an-gweal mine, (*d*) drainage from mines at Penbeagle, (*e*) a roadside stream known as Bellayrs. Water from all sources, with exception of last, apparently of good quality, and free from risk of pollution. Bellayrs supply much polluted, but is now practically disused. Supply constant ; no filtration.

Sewerage and Drainage.—Little or no underground sewerage system ; slops discharged into open granite channels, down which water from public supply constantly running ; drainage discharged into Stennack Stream, and finally on sandy shore of harbour, where it gives rise to much nuisance. House drainage absent in greater part of district ; better class houses furnished with satisfactory drains.

Excrement Disposal and Removal.—Better class houses supplied with waterclosets ; no means of excrement disposal in older parts of town, men use the beach ; women and children use indoor pails, which are emptied on certain parts of sea-shore or at shoots provided on beach.

Refuse Removal.—House refuse collected in tubs, which are placed outside houses, and removed by a contractor daily in certain parts of town and thrice a week in outlying parts of town. A certain amount of refuse thrown into sea or on sea-shore.

Registered Buildings and Trades :—

Common lodging-houses	None.	—	Dairies - - -	43	Variable.
			Cowsheds - - -	53	
Houses let in lodgings	None registered.		Milkshops - -	13	Fair.
			Bakehouses - -	14	Variable.
Slaughter-houses - -	5	Variable.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Moderate.
Date of Approval of Byelaws as to :—Scavenging, 1857 ; Nuisances, 1857 ; Common lodging-houses, none ; New streets and buildings, none ; Slaughter-houses, 1857 ; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.
Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889 ; adopted 1892.
(*b.*) Infectious Diseases (Prevention) Act, 1890 ; section III. adopted.
(*c.*) Public Health Acts Amendment Act, 1890 ; not adopted.
(*d.*) Housing of the Working Classes Act, 1890 ; no action taken.
Medical Officer of Health.—John Michael Nicholls, L.R.C.P., M.R.C.S. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Active and energetic.
Inspector of Nuisances.—John Grenfell. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Moderate.
Repression of Nuisances.—Very inefficient.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—Handbills giving precautions against cholera issued in 1893 ; drains and channels "disinfected" ; extra inspections carried out.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on November 14th, 1894, when formal recommendations were made as regards the following matters :—
(1.) Isolation provision.
(2.) Excrement disposal.
(3.) Action with regard to nuisances.

ST. NEOTS URBAN DISTRICT.

(Huntingdonshire.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—September 25th, 1894. *Area.*—1,391 acres. *Population.*—(1891) 4,077. *Inhabited Houses.*—(1891) 936. *Rateable Value.*—(1894) 13,320*l.* *Industries.*—Agriculture, paper mills, flour mills, brewing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—For most part well built, but still a number of dilapidated, damp, ill-ventilated dwellings ; considerable crowding of houses on area in courts ; no overcrowding of persons in houses.
Water Supply.—Obtained from shallow wells sunk in gravel close to leaky drains and foul privy pits ; water frequently dangerously and disgustingly polluted.
Sewerage and Drainage.—Sewered, sewers unventilated ; flushing effected by means of water-carts ; sewage discharged without treatment directly into River Ouse. House drains very defective, many house drains furnished with bell traps only.

Excrement Disposal and Removal.—About half houses furnished with vault privies and the remainder with pail privies. Vault privies of very bad type and always a source of nuisance. Excrement removed by contractor from vault privies when "full" and from pails at weekly intervals.

Refuse Removal.—House refuse stored in ashpits and in tubs, and removed by contractor at weekly intervals.

Registered Buildings and Trades:—

Common lodging-houses	3	Fair.	Dairies - - -	6	Not visited
			Cowsheds - -		
Houses let in lodgings	None registered.		Milkshops - - -	2	Good.
			Bakehouses - -	12	Some badly ventilated.
Slaughter-houses - -	12	Unsatisfactory as a rule.	Offensive trades -	1	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inefficient.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1892; Common lodging-houses, 1892; New streets and buildings, 1892; Slaughter-houses, 1892; Offensive trades, 1892.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Thomas Poyntz Wright, M.R.C.S., L.S.A. *Salary.*—22*l.* 4*s.* (with repayment). *Performance of Duties.*—Active, and gives good advice.

Inspector of Nuisances.—W. Jackson. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Habitual neglect.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on January 8th, 1895, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Excrement disposal.
(4.) Sewerage and house drainage.
(5.) Condition of dwellings.
(6.) Slaughter-houses.

SALFORD COUNTY BOROUGH.

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—November 1st, 1894. *Area.*—5,171 acres. *Population.*—(1891) 198,139. *Inhabited Houses.*—(1891) 39,153. *Rateable Value.*—(1893) 821,851*l.* *Industries.*—Cotton spinning and weaving; dyeing and bleaching works; iron and engineering works; india-rubber works; chemical works; oil, tallow, soap, floorcloth, and paper works; tanneries, &c.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Improved of late years, but some damp, dilapidated, dark, and dirty houses; many courts and narrow yards entered by passages from main streets; some 292 instances of overcrowding of persons dealt with by Corporation during 1893.

Water Supply.—From Manchester Corporation's works (from Thirlmere and Woodhead supplies); quality satisfactory; supply constant.

Sewerage and Drainage.—Partly old, partly modern; former being gradually replaced, owing to their faulty gradients and other defects; ventilation chiefly by roadway grids; some vertical shafts; flushing by tank on wheels discharging 1,700 gallons of water down manholes; outfall to River Irwell, now Manchester Ship Canal. No satisfactory treatment of sewage at outfall. House drainage much improved of late.

Excrement Disposal and Removal.—5,500 waterclosets, 8,500 pail closets, and 16,000 midden privies. Conversion of privies into waterclosets now going on. Scavenging of pails and middens carried out by Corporation staff. Privies and pails emptied only at night.

Refuse Removal.—Corporation carts collect refuse daily, and take it to one or other of the three sets of destructors now in use.

Registered Buildings and Trades:—

Common lodging-houses	45	Fair.	Dairies and milkshops	586	Fair.
Houses let in lodgings -	782	Satisfactory.	Cowsheds - -	25	Fair.
Slaughter-houses -	36	Moderately good.	Bakehouses - -	113	Satisfactory.
			Offensive trades -	60	Satisfactory.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Satisfactory of late.

*Date of Approval of Byelaws as to:—*Scavenging, none; Nuisances, none; Common lodging-houses, 1882; New streets and buildings (under private Act); Slaughter-houses, 1865; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1881 (under Contagious Diseases Animals Act, 1878).

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted (except sections 14 and 19) 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., and V. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; five areas dealt with, displacing a population of 15,000.

Medical Officer of Health.—Charles Edward Paget, M.R.C.S., L.R.C.P., D.P.H. *Salary.*—540*l.* (without repayment) *Performance of Duties.*—Able and efficient.

Inspector of Nuisances.—William Wilkinson (Cert. San. Inst.) *Salary.*—156*l.* (without repayment). *Performance of Duties.*—Efficient. There are six other assistant inspectors, five sub-inspectors, and a veterinary inspector.

Repression of Nuisances.—Fairly good.

Isolation Hospital.—Provided at Ladywell; 184 beds in five pavilions, upon site of 13 acres; a separate hospital for small-pox at Modenhall for 50 cases.

Disinfecting Apparatus.—Washington Lyons' disinfector.

Special Preparation for Cholera.—Handbills and posters issued giving advice and precautions against cholera.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on December 12th, 1894, when no formal recommendations were made, but verbal advice was given as regards the following matters:—

(1.) Midden privies.

(2.) Sewerage and sewage disposal.

(3.) Condition of dwellings.

SANDGATE URBAN DISTRICT.

(KENT.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—September 13th, 1894. *Area.*—447 acres. *Population.*—(1891) 1,756. *Inhabited Houses.*—(1891) 318. *Rateable Value.*—(1892) 10,624*l.* *Industries.*—Seaside and residential resort, a few inshore fishing boats.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—With a few exceptions satisfactory; houses in older parts somewhat crowded together; overcrowding of persons rare.

Water Supply.—About a sixth part is supplied from Folkestone public service; the remainder from three springs piped to the town. Sources of this latter supply liable to contamination.

Sewerage and Drainage.—New system being carried out with glazed and socketed pipes, cemented joints, parts laid in concrete; ventilation by openings in roadway and by vertical shafts; automatic flushing tanks at ends of sections; outfall to sea delivers under water on foreshore; tide-locked for several hours daily; discharges with ebb, a tidal chamber suitably ventilated provides storage for sewage when outfall tide-locked. House drainage with a few exceptions satisfactory.

Excrement Disposal and Removal.—Almost altogether by waterclosets; a few hand-flushed, but rest with proper flushing apparatus. A few vault privies found on outskirts of district where sewers not available.

Refuse Removal.—Collected weekly, covered dust-bins provided, a few open ashpits.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Milkshops - -	6	Satisfactory.
Houses let in lodgings -	None registered.		Bakehouses - -	5	Satisfactory, with one exception.
Slaughter-houses -	2	Satisfactory.			
Dairies - - -	No register kept.		Offensive trades -	None.	—
Cowsheds - -					

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Efficient of late.

Date of Approval of Byelaws as to:—Scavenging, 1856; Nuisances, none; Common lodging-houses, none; New streets and buildings, 1873; Slaughter-houses, 1856; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Charles Edward Perry, M.D., L.R.C.P., M.R.C.S. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Satisfactory.

Inspector of Nuisances.—F. Stillgoe, Assoc. Mem. Inst., C.E. *Salary.*—50*l.* (with repayment) (acts also as surveyor). *Performance of Duties.*—Good.

Repression of Nuisances.—Fair.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

Final Conference with Sanitary Authority held by Dr. Bruce Low on September 26th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation accommodation.
(3.) Byelaws.

SANDWICH BOROUGH.

(KENT.)

Inspector.—Dr. Theodore Thomson. *Date of Inspection.*—May 30th and 31st, 1893. *Area.*—707 acres. *Population.*—(1891) 2,796. *Inhabited Houses.*—(1891) 644. *Rateable Value.*—(1892) 9,683*l.* *Industries.*—Tanyard, breweries, shipbuilding, and agriculture.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Older houses frequently damp, ill-ventilated, and badly lighted; considerable crowding of houses upon area within the town walls; no overcrowding of persons in houses.

Water Supply.—Public supply from stream passing through town; unfiltered and liable to contamination. New supply to be provided from deep well in Chalk.

Sewerage and Drainage.—Most of the streets provided with 6-inch glazed pipes some 2 feet from the surface; sewage discharged untreated into River Stour; drains unprovided with means for flushing or ventilation. House drainage is limited by the fact that few houses save of the better class are provided with sinks; where sinks exist wastes usually properly disconnected.

Excrement Disposal and Removal.—By (*a*) a few waterclosets, (*b*) wooden boxes or galvanized iron pails, and (*c*) cesspit privies. Boxes and pails emptied by contract at weekly intervals. Cesspit privies emptied on the demand of the tenants.

Refuse Removal.—House refuse stored in old pails, tubs, or boxes, or heaped up in odd corners, and removed by contractor at weekly intervals.

Registered Buildings and Trades:—

Common lodging-houses	3	Fair.	Cowsheds - -	3	Unsatisfactory.
Houses let in lodgings -	None registered.		Milkshops - -	1	Good.
Slaughter-houses -	4	Clean, some structural defects.	Bakehouses - -	6	In most instances good.
			Offensive trades -	1	Fairly managed.
Dairies - - -	3	Fair.			

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Formerly lax, now improving.

*Date of Approval of Byelaws as to:—*Scavenging, 1867; Nuisances, 1867; Common lodging-houses, none; New streets and buildings, 1867; Slaughter-houses, 1867; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., and IV. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—John William Harrison, M.B., C.M. *Salary.*—25*l.* (with repayment). *Performance of Duties.*—Good.

Inspector of Nuisances.—Alfred Jarman Catt. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fair, except as regards nuisances due to structural defects.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

Final Conference with Sanitary Authority held by Dr. Thomson on June 9th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Sewerage and drainage.
(3.) Byelaws.

SEAHAM HARBOUR URBAN DISTRICT.

(DURHAM.)

Inspector.—Mr. T. W. Thompson. *Date of Inspection.*—May 9th, 1893. *Area.*—1,089 acres. *Population.*—(1891) 9,044. *Inhabited Houses.*—(1891) 1,221. *Rateable Value.*—(1892) 29,520*l.* *Industries.*—Glass bottle making, shipping, and coal mining.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Many damp houses; much old property in bad condition; decided crowding of dwellings upon area exists in North and South Railway Streets; several cases of overcrowding of persons met with.

Water Supply.—Public supply from works of Sunderland and South Shields Water Company; filtered; supply constant; apparently ample in quantity, and of good quality.

Sewerage and Drainage.—Sewered piece-meal; three sets of sewers with outfalls on the beach, above low-water mark; ventilation by open roadway grids and a few shafts against houses; no special arrangements for flushing. House drainage fair; wastes mostly disconnected.

Excrement Disposal and Removal.—Chiefly by privy middens of bad type. Middens emptied by Sanitary Authority's scavengers at intervals of three weeks.

Refuse Removal.—Uncovered ashpits, cleaned fortnightly.

Registered Buildings and Trades:—

Common lodging-houses	2	Clean.	Dairies - - -	3	Fair.
			Cowsheds - -	3	
Houses let in lodgings -	None registered.		Milkshops - -	6	
			Bakehouses - -	2	One fair, one bad.
Slaughter-houses -	20	Unsatisfactory (in shops).	Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Formerly lax, improving recently.

Date of Approval of Byelaws as to:—Scavenging, 1864; Nuisances, 1864; Common lodging-houses, 1864; New streets and buildings, 1864; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1892.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Thomas Gibbon, M.R.C.S. *Salary.*—20*l.* (without repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—James Barrell. *Salary.*—80*l.* (without repayment). *Performance of Duties.*—Very fair.

Repression of Nuisances.— Notices served by officers, but proceedings for abatement of nuisances have only once been taken.

Isolation Hospital.—None provided, with exception of small cholera hospital in connexion with port.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Mr. Thompson on September 8th, 1893, when formal recommendations were made as regards the following matters:—

(1.) House to house inspection.
(2.) Isolation provision.
(3.) Sewerage.
(4.) Excrement and refuse disposal.
(5.) Nuisances.
(6.) Dairies, cowsheds, and milkshops.
(7.) Byelaws.
(8.) Slaughter-houses.
(9.) Condition of dwellings.

SEATON URBAN DISTRICT.

(Devonshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—May 2nd and 3rd, 1894. *Area.*—1,178 acres. *Population.*—(1891) 1,293. *Inhabited Houses.*—(1891) 268. *Rateable Value.*—(1893) 6,185*l.* *Industries.*—Seaside resort.

A.—Sanitary Circumstances.

Dwellings of the Poor.—In fair condition as a rule; little crowding of houses upon area; overcrowding of persons very rare.

Water Supply.—Public supply from springs rising in hills some three or four miles from Seaton; filtered through sand and gravel; supply constant; apparently ample in quantity, and of good quality.

Sewerage and Drainage.—Sewered imperfectly by means of brick and barrel arch sewers, with outfall into sea at low-water mark; ventilated by surface grids and 4-inch shafts; flushing arrangements defective. House drainage as a rule satisfactory.

Excrement Disposal and Removal.—Waterclosets in great majority of instances.

Refuse Removal.—House refuse placed outside houses between 7.30 and 10.30 a.m., and collected by scavengers thrice weekly.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	5	Fair.
			Cowsheds - -		
Houses let in lodgings -	None registered.		Milkshops - -		
			Bakehouses - -	2	Fair.
Slaughter-houses -	2	Bad.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Lax.

Date of Approval of Byelaws as to:—Scavenging, 1880; Nuisances, 1880; Common lodging-houses, 1880; New streets and buildings, 1880; Slaughter-houses, 1880; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1880; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Henry Albert Pattinson, M.R.C.S., L.R.C.P.I. *Salary.*—None. *Performance of Duties.*—Fair, considering salary.

Inspector of Nuisances.—James Stevens. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Moderate.

Repression of Nuisances.—Fair.

Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—House to house visitation in 1893.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on August 29th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Sewerage.
(4.) House drainage.
(5.) Courts and insanitary houses.
(6.) Nuisances.
(7.) Dairies, cowsheds, and milkshops.
(8.) Periodical removal of manure.
(9.) Salary of Medical Officer of Health.

SEDGLEY URBAN DISTRICT.

(Staffordshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—19th May, 1893. *Area.*—3,887 acres. *Population*—(1891) 14,961. *Inhabited Houses.*—(1891) 2,808. *Rateable Value.*—(1892) 33,129*l.* *Industries.*—Coal and iron mining, brickmaking, nailmaking, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fairly good as a rule; there are a few courts, but the great majority of the houses are airy; occasional overcrowding of persons.

Water Supply.—A portion of district supplied from works of South Staffordshire Water Company; remainder obtain supply from wells which are frequently obviously polluted; new works in progress whereby the whole district will be plentifully supplied.

Sewerage and Drainage.—No systematic sewerage; sewage conveyed by open channels of blue brick constructed along roadsides, with outfalls either on land or into streams. House drainage—Very few houses provided with inside drainage, slops thrown into open channels.

Excrement Disposal and Removal.—Privy middens of exceptionally bad type, as a rule; middens so wet that contents have to be removed by buckets. Contents removed by Authority's scavengers at irregular intervals. Staff insufficient and removal very unsatisfactory.

Refuse Removal.—Refuse disposed of in middens, and removed with midden contents.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	40	Fairly good.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
Slaughter-houses -	15	Unsatisfactory.	Bakehouses - -	8	Fair.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Chiefly anxious to keep down rates.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, 1871; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—John Biggam, M.D., C.M. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—John Greenaway. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Not efficient.

Repression of Nuisances.—Not efficient.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on May 30th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) Sewerage.
(5.) Nuisances.
(6.) Isolation provision.
(7.) Byelaws.

SHILDON AND EAST THICKLEY URBAN DISTRICT.

(Durham.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—September 13th, 1893. *Area.*—1,066 acres. *Population.*—(1891) 9,537. *Inhabited Houses.*—(1891) 1,978. *Rateable Value.*—(1893) 26,519*l.* *Industries.*—Coal-mining and engine making.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Frequently damp, some so dilapidated as to be unfit for habitation; much crowding of dwellings upon area in older parts of district, many back-to-back houses; occasional overcrowding of persons.

Water Supply.—Obtained from works of the Wear and Shildon Water Company; supply from Waskerley gathering ground, filtered through sand and gravel; supply constant, and apparently of good quality.

Sewerage and Drainage.—Sewerage scheme commenced in 1878; some sewers badly laid, and others dislocated owing to subsidences of the ground; ventilation very defective; outfall on sewage farm. House drainage very unsatisfactory, many untrapped gullies.

Excrement Disposal and Removal.—By (*a*) privy middens of old type, (*b*) ash closets, and (*c*) slop-water closets of recent construction. Middens and ashpits scavenged at regular intervals.

Refuse Removal.—Into middens, and removed with midden contents.

Registered Buildings and Trades :—

Common lodging-houses	None.	—	Dairies - - -	?	Very bad.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	None.	—
Slaughter-houses -	16	Good.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fairly efficient.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1880; Common lodging-houses, 1880; New streets and buildings, 1880; Slaughter-houses, 1880; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1887.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Samuel Fielden, M.D., M.R.C.S. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—An active officer.

Inspector of Nuisances.—William A. Mason. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fair.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on April 4th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Sewerage.
(4.) House drainage.
(5.) Houses unfit for habitation.
(6.) Dairies and cowsheds.

SHIPLEY URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—July 4th, 1894. *Area.*—2,179 acres. *Population.*—(1891) 23,387. *Inhabited Houses.*—(1891) 5,111. *Rateable Value.*—(1894) 89,954*l.* *Industries.*—Worsted spinning, machinery making, cotton weaving, dyeing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair on the whole, but many back-to-back houses; some crowding of dwellings upon area in older parts of district; occasional overcrowding of persons.

Water Supply.—Public from moorland gathering ground at Eldwick Moor; high-level supply only filtered; supply ample in quantity, but has at times dangerous plumbo-solvent properties, to counteract which lime is added in proportion of about 3½ grains per gallon.

Sewerage and Drainage.—Shipley and Saltaire sewered throughout; outfall into watercourse, untreated; ventilation defective, and flushing arrangements absent; scheme for sewerage of Windhill in preparation. House drainage of Saltaire and Shipley apparently fair; of Windhill rubble drains and untrapped gullies frequent.

Excrement Disposal and Removal.—With exception of new houses in Shipley provided with waterclosets, privy middens of bad type almost universal. Middens emptied "when full."

Refuse Removal.—House refuse disposed of in middens, and removed with midden contents.

Registered Buildings and Trades:—

Common lodging-houses	1	Unsatisfactory.	Dairies - - -	?	Clean and airy.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	?	—
Slaughter-houses -	6	1 public very good.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Active.

Date of Approval of Byelaws as to:—Scavenging, 1883; Nuisances, 1883; Common lodging-houses, 1883; New streets and buildings, 1883; Slaughter-houses, 1883; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., and V. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—John James Rutherford, M.D. *Salary.*—90*l.* (with repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—William Hartley Dawson. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—Efficient.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—Erected at Stoney Ridge. Ten beds provided in accordance with Board's model plan.

Disinfecting Apparatus.—Sulphur fumigating chamber only.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on August 28th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement and refuse disposal.

(2.) Sewerage and drainage.

(3.) State of dwellings.

SHREWSBURY BOROUGH.

(Shropshire.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—June 12th, 1894. *Area.*—3,525 acres. *Population.*—(1891) 26,967. *Inhabited Houses.*—(1891) 3,593. *Rateable Value.*—(1893) 131,000*l.* *Industries.*—Residential and market town.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Some damp and dilapidated houses; older parts much crowded on area; no overcrowding of persons met with.

Water Supply.—A dual system, viz.: (1) For drinking purposes, water piped to standpipes in streets from spring 1½ mile from town, giving a daily allowance of half a gallon per head of population. The spring fed by surface-water, collected in a somewhat extensive pouch of gravel and sand overlying clay in shallow valley. (2) Water from River Severn, pumped day and night from intake on bank within town, to supply reservoir on upper ground; not filtered; this water laid on to the houses, and is used by many poor people for all purposes. Severn receives sewage of several towns above Shrewsbury. Only a mile above intake, the sewage of county asylum (population about 1,000) enters river without treatment.

Sewerage and Drainage.—Mostly constructed during last 15 years; ventilation effected by roadway grids and vertical shafts; automatic flushing tanks at ends of sections, and some 200 manholes fitted with flaps, so that they can be filled with water and suddenly discharged; some deposit found in a main sewer arising from neglect in flushing; outfalls, some 20 in number, discharge the sewage untreated into the Severn. House drainage is satisfactory on the whole.

Excrement Disposal and Removal.—By waterclosets, mostly supplied with proper flushing apparatus.

Refuse Removal.—Corporation carts collect house refuse weekly, in some parts twice weekly; large accumulations of refuse, creating nuisance, found at depôts at date of inspection.

Registered Buildings and Trades:—

Common lodging-houses	10	Mostly satisfactory.	Dairies - -	38	Satisfactory.
			Cowsheds - -		
			Milkshops -		
Houses let in lodgings -	None registered.		Bakehouses -	40	Satisfactory, except 2 with closets in direct communication with bakehouse.
Slaughter-houses -	29	Some satisfactory, others not.			
			Offensive trades	5	Satisfactory.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improving of late.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1877; Common lodging-houses, 1851; New streets and buildings, 1877; Slaughter-houses, 1888; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1886.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no special action taken.

Medical Officer of Health.—W. N. Thursfield, M.D., M.R.C.S., D.P.H. *Salary.*—75*l.* (without repayment). *Performance of Duties.*—Satisfactory.

Inspector of Nuisances.—(2) W. Irving and Edward Owen. *Salary.*—100*l.* each (without repayment). *Performance of Duties.*—Satisfactory.

Repression of Nuisances.—Fair.

Isolation Hospital.—An "emergency" hospital—two wards with three beds in each—erected in 1893; constructed of iron, lined with wood. Accommodation quite inadequate and unsatisfactory.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Removal of early cholera cases to emergency hospital arranged for, and agreement made with nursing institute at Shrewsbury to supply nurses if needed.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on August 21st, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation accommodation.
(3.) Sewerage and sewage disposal.
(4.) Refuse disposal.
(5.) Byelaws.

SIDMOUTH URBAN DISTRICT.

(Devonshire.)

Inspector.—Dr. R. J. Recce. *Date of Inspection.*—May 4th, 1894. *Area.*—1,563 acres. *Population.*—(1891) 3,758. *Inhabited Houses.*—(1891) 805. *Rateable Value.*—(1893) 12,234*l.* *Industries.*—Seaside resort, fishing, and agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair as a rule; much crowding of dwellings upon area; apparently no overcrowding of persons.

Water Supply.—Obtained from the works of the Sidmouth Water Company from springs in the hills of Peake and Bulverton; filtered through sand and gravel; supply constant to part of district, but intermittent to rest; about one fourth of houses obtain supply from shallow wells liable to contamination.

Sewerage and Drainage.—Sewered throughout; outfall into sea; ventilation apparently defective; 11 automatic flushing tanks. House drainage as a rule fairly satisfactory.

Excrement Disposal and Removal.—Chiefly by waterclosets, many of which are hand-flushed. Some cottages unfurnished with any means of excrement disposal.

Refuse Removal.—House refuse placed in boxes in fixed ashpits; collected by Sanitary Authority's carts, at daily, weekly, or longer intervals.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	28	Fair.
			Cowsheds - -		
Houses let in lodgings -	None registered.		Milkshops - -		
			Bakehouses - -	7	Moderate.
Slaughter-houses -	7	Fair as a rule.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Not very energetic.

Date of Approval of Byelaws as to:—Scavenging, 1863; Nuisances, 1863; Common lodging-houses, 1863; New streets and buildings, 1863; Slaughter-houses, 1863; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1894.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Thomas Henry Stocker Pullin, M.D., F.R.C.S. *Salary.*—35*l.* (with repayment). *Performance of Duties.*—Lacking in energy.

Inspector of Nuisances.—John Leask. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Moderate.

Repression of Nuisances.—Moderate.

Isolation Hospital.—Wooden building for 10 beds provided in 1884; never used; no furniture, and arrangements very unsatisfactory.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on October 15th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) House-to-house inspection.
(3.) Water supply.
(4.) Sewerage.
(5.) House drainage.
(6.) Insanitary dwellings.
(7.) Nuisances.
(8.) Scavenging.
(9.) Byelaws.
(10.) Keeping of animals.

SITTINGBOURNE URBAN DISTRICT.

(Kent.)

Inspector.—Dr. Theodore Thomson. *Date of Inspection.*—April 12th and 13th, 1894. *Area.*—1,004 acres. *Population.*—(1891) 8,302. *Inhabited Houses.*—(1891) 1,690. *Rateable Value.*—(1894) 24,912*l*. *Industries.*—Brick-making, paper-making, cement-making, fruit culture, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fairly good as a rule; many unpaved and badly paved yards; no crowding of dwellings upon area; no overcrowding of persons.

Water Supply.—Public water supply obtained from deep wells in the Chalk; no filtration; supply constant. A few wells still in use.

Sewerage and Drainage.—Sewered throughout; sewage discharged untreated by three outfalls into Milton Creek; ventilation deficient; flushing effected by hose connected with water hydrants. House drains are of glazed pipes, and are for the most part not properly disconnected from sewers and ventilated.

Excrement Disposal and Removal.—About 40 per cent. of houses provided with waterclosets, remainder with cesspit privies. Prevailing type of watercloset is the hand-flushed longhopper, frequently foul; cesspit privies source of nuisance. Cesspits emptied about once a year by contractors.

Refuse Removal.—Chiefly stored in pails and galvanised iron dustbins; to less extent in brick ashpits. Over two thirds of district removal effected daily, in remaining third, twice a week. Work done by Sanitary Authority, and satisfactorily performed.

Registered Buildings and Trades:—

Common lodging-houses	1	Fair.	Dairies	12	Fair.
			Cowsheds	13	Fair.
Houses let in lodgings	None registered.		Milkshops	1	Fair.
			Bakehouses	22	Fair.
Slaughter-houses	12	Fair.	Offensive trades	3	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Somewhat lax, but improving.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1876; Common lodging-houses, 1876; New streets and buildings; 1876; Slaughter-houses, 1876; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1886.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1890.
(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., and III. adopted 1890.
(*d.*) Housing of Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Henry Grant Sutton, M.D., M.R.C.S. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Fair.
Inspector of Nuisances.—William Leonard Grant, M.S.A. *Salary.*—75*l.* (with repayment). *Performance of Duties.*—Competent officer, and fairly active.
Repression of Nuisances.—Common nuisances fairly well dealt with; structural nuisances inefficiently dealt with.
Isolation Hospital.—Hospital with 24 beds erected in 1880; arrangements satisfactory.
Disinfecting Apparatus.—Iron hot-air chamber, inefficient.
Special Preparation for Cholera.—House-to-house inspection in spring of 1893, and many notices served and much work done.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Thomson on May 10th, 1894, when formal recommendations were made as regards the following matters:—
(1.) Sewerage.
(2.) Excrement disposal.
(3.) Paving of courts.
(4.) Disinfection.
(5.) Byelaws.

SKEGNESS URBAN DISTRICT.

(Lincolnshire.)

Inspector.—Dr. S. M. Copeman. *Date of Inspection.*—April 11th, 1893. *Area.*—1,823 acres. *Population.*—(1891) 1,488. *Inhabited Houses.*—(1891) 339. *Rateable Value.* — (1892) 7,600*l.* *Industries.* — Seaside resort; agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Dwellings in good condition; some crowding of houses upon area; occasional overcrowding of persons.
Water Supply.—Obtained from artesian well owned by Earl of Scarborough; water filtered through sand; supply practically unlimited; and apparently of good quality.
Sewerage and Drainage.—Sewered throughout, outfall on sewage farm of about 5 acres; sewage treated by intermittent filtration; ventilation by roadway grids and shafts attached to houses; flushing effected when required from water supply. House drainage apparently satisfactory.
Excrement Disposal and Removal.—Vault privies in general use; excrement removed about once in three months by scavengers under Sanitary Authority. A few waterclosets in better class houses and hotels.
Refuse Removal.—House refuse collected regularly by carts and mixed with excrement at depôt.
Registered Buildings and Trades:—

Common lodging-houses	None.	—	Cowsheds - -	—	—
Houses let in lodgings -	None registered.		Milkshops - -	—	—
Slaughter-houses -		One fair, one bad.	Bakehouses - -	—	—
			Offensive trades -	—	—
Dairies - -	—	—			—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inefficient.
Date of Approval of Byelaws as to:—Scavenging, 1886; Nuisances, 1886; Common lodging-houses, 1886; New streets and buildings, 1886; Slaughter-houses, 1886; Offensive trades, 1886.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Charles John Bernard, L.A.H. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Efficient.

Inspector of Nuisances.—John Sykes Cranshaw. *Salary.*—87*l.* 10. (with repayment). *Performance of Duties.*—Time chiefly taken up with other duties.

Repression of Nuisances.—Not satisfactory.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Handbills giving precautions against cholera issued in 1892: extra scavenging carried out.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Copeman on October 10th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation accommodation.
(2.) Notification of infectious disease.
(3.) Excrement disposal.
(4.) Nuisances.

SMALLTHORNE URBAN DISTRICT.

(Staffordshire.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—April 13th and 14th, 1894. *Area.*—554 acres. *Population.*—(1891) 5,279. *Inhabited Houses.*—(1891) 946. *Rateable Value.*—(1893) 6,525*l.* *Industries.*—Inhabitants chiefly engaged in potteries and ironworks, situate outside district; agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Good class, of modern construction; no crowding of houses upon area; occasional overcrowding of persons.

Water Supply.—Bradley and Smallthorne supplied from works of the Staffordshire Potteries Water Company. Chell Heath derives supply from public well, the water of which is of doubtful character.

Sewerage and Drainage.—No system of sewerage; pipe drains laid as required, and sewage discharged by several outfalls, either on land or into streams; ventilation inefficient; no means of flushing provided. House drainage, gully traps provided in yards.

Excrement Disposal and Removal.—Chiefly by means of privy ashpits of small size, in some instances abutting upon houses; excrement removed by Sanitary Authority's scavengers at irregular intervals.

Refuse Removal.—House refuse stored in ashpits, and removed at irregular intervals by scavengers; many ashpits overflowing at date of inspection.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Cowsheds - -	11	Fair.
Houses let in lodgings -	None registered.		Milkshops - -	14	Fair.
Slaughter-houses -	4	Fair.	Bakehouses - -	6	Good.
Dairies - - -	—	—	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Moderate.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1876; Common lodging-houses, 1876; New streets and buildings, 1876; Slaughter-houses, 1876; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1887.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., and III. adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—John Swift Walker, M.D., F.R.C.S. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Efficient.

Inspector of Nuisances.—William Willard. *Salary.*—35*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fair, except as regards nuisances due to structural defects.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on June 7th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Excrement disposal.
(4.) Nuisances.
(5.) Byelaws.

SOUTH BLYTH URBAN DISTRICT.

(Northumberland.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—June 8th and 9th, 1893. *Area.*—1,226 acres. *Population.*—(1891) 3,728. *Inhabited Houses.*—(1891) 634. *Rateable Value.*—(1893) 29,586*l.* *Industries.*—Coal mining and shipping.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Older houses frequently badly constructed and damp; little crowding of houses upon area; considerable overcrowding of persons.

Water Supply.—Blyth supplied from gathering ground consisting of arable and manured land; water unfiltered; insufficient in quantity. Newsham supplied from spring half way down the shaft of a coal pit.

Sewerage and Drainage.—Sewered piecemeal; outfalls into Slake, a tidal stream; ventilation effected by street grids; arrangements made for flushing sewers by hose fixed to hydrants. House drainage fairly satisfactory.

Excrement Disposal and Removal.—Privy middens almost universal; in Blyth, middens covered and constructed, as a rule, in accordance with modern principles; in Newsham, middens of bad type and frequently constructed abutting upon houses. Middens emptied by scavengers at monthly intervals.

Refuse Removal.—House refuse disposed of in middens, and removed with midden contents.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	10	Fair.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	2	Moderate.
Slaughter-houses -	6	Very bad.	Offensive trades -	1	Very bad.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Not very active.
Date of Approval of Byelaws as to:—Scavenging, 1864; Nuisances, 1864; Common lodging-houses, none; New streets and buildings, 1864; Slaughter-houses, 1864; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—James Cromie, L.R.C.P., L.R.C.S. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Very efficient.
Inspector of Nuisances.—W. Winship. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Inefficient.
Repression of Nuisances.—Inefficient.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on July 26th, 1893, when formal recommendations were made as regards the following matters:—
(1.) Water supply.
(2.) Excrement and refuse disposal.
(3.) Nuisances.
(4.) Byelaws.

SOUTH CAVE AND WALLINGFEN URBAN DISTRICT.

(Yorkshire, E.R.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—May 22nd, 1893. *Area.*—9,207 acres. *Population.*—(1891) 1,624. *Inhabited Houses.*—(1891) 379. *Rateable Value.* — (1892) 19,510*l.* *Industries.* — Brick-making, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Good, except at Newport and Broomfield, where many dilapidated cottages exist; no crowding of houses upon area; no overcrowding of persons.
Water Supply.—At South Cave water obtained from Chalk spring; sufficient in quantity and of good quality. Water supply of remainder of district obtained from ponds, "drains," rain-water, or canals, and is exposed to pollution of most dangerous character.
Sewerage and Drainage.—Unsewered; all slops and overflows from cesspools discharged into roadside "drains" or streams, and frequently give rise to nuisance. House drainage fairly good in South Cave, but very defective elsewhere.
Excrement Disposal and Removal.—Mostly by privy middens, which are generally uncovered. Middens frequently emptied by owners.
Refuse Removal.—House refuse stored in middens and removed by owners from time to time.
Registered Buildings and Trades:—

Common lodging-houses	2	Good.	Cowsheds - -	None.	—
Houses let in lodgings -	None registered.		Milkshops - -	None.	—
Slaughter-houses -	?	Good.	Bakehouses - -	?	Good.
Dairies - - -	None.	—	Offensive trades -	1	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inefficient.
Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—Harry Hine, L.R.C.P., M.R.C.S. *Salary.*—10*l.* 10*s.* (without repayment). *Performance of Duties.*—Efficient, but hampered by inefficiency of Authority.
Inspector of Nuisances.—R. Bruce. *Salary.*—6*l.* 6*s.* (without repayment). *Performance of Duties.*—Fairly good.
Repression of Nuisances.—Common nuisances fairly well dealt with.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on August 31st, 1893, when formal recommendations were made as regards the following matters:—
(1.) Water supply.
(2.) Isolation provision.
(3.) Sewerage.
(4.) Excrement and refuse disposal.
(5.) State of dwellings.
(6.) Nuisances.
(7.) Byelaws.

SOUTHEND-ON-SEA BOROUGH.

(Essex.)

Inspector.—Dr. Theodore Thomson. *Date of Inspection.*—February 27th, 1894. *Area.*—3,441 acres. *Population.*—(1891) 12,333. *Inhabited Houses.*—(1891) 2,227. *Rateable Value.*—(1893) 82,533*l.* *Industries.*—Seaside resort, fishing and brick-making.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair as a rule; no crowding of houses upon area. In summer overcrowding of persons frequent.
Water Supply.—Public supply obtained from wells sunk in Chalk; water not filtered; of sufficient quantity. About 150 houses supplied with water from shallow wells, water from which liable to contamination.
Sewerage and Drainage.—Sewered throughout; sewage discharged by three outfalls into sea and by a fourth into a tank with overflow into a brook; ventilation adequate; sewers in many cases badly constructed; flushing effected partly by hose pipes and partly by flushing tanks. House drainage unsatisfactory; about 50 per cent. of houses stated not to be properly disconnected from sewers.
Excrement Disposal and Removal.—Almost entirely by waterclosets of good type, furnished, as a rule, with separate flushing cistern.
Refuse Removal.—House refuse stored in either fixed receptacles or in galvanized iron tubs. House refuse removed by scavengers once a week in centre of town and once a fortnight in outlying parts of district. Several complaints with regard to inefficiency of scavenging arrangements.

Registered Buildings and Trades :—

Common lodging-houses	1	Fair.	Cowsheds - -	4	Fair.
Houses let in lodgings -	None registered.		Milkshops - -	18	Fair.
Slaughter-houses -	7	Fair.	Bakehouses - -	22	Fair.
Dairies - - -	—	Fair.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Formerly lax; now improving.
Date of Approval of Byelaws as to :—Scavenging, 1867; Nuisances, 1867; Common lodging-houses, none; New streets and buildings, 1881; Slaughter-houses, 1867; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.
Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—George Francis Jones, M.R.C.S., L.S.A. *Salary.*—100*l.* (with repayment). *Performance of Duties.*—Efficient.
Inspector of Nuisances.—William Wheer. *Salary.*—104*l.* (with repayment). *Performance of Duties.*—Efficient.
Repression of Nuisances.—Fairly efficient.
Isolation Hospital.—Permanent hospital provided, with accommodation for 12 beds, Temporary hospital also provided, with accommodation for 12 beds.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—Handbills giving precautions against cholera issued in 1893.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Thomson on March 30th, 1894, when formal recommendations were made as regards the following matters :—
(1.) Sewerage and drainage.
(2.) Disinfection of clothes, bedding, &c.

SOUTH SHIELDS COUNTY BOROUGH.

Inspector.—Mr. T. W. Thompson. *Date of Inspection.*—May 23rd, 1894. *Area.*—1,839 acres. *Population.*—(1891) 78,391. *Inhabited Houses.*—(1891) 9,616. *Rateable Value.*—(1894) 292,455*l.* *Industries.*—Ship building, seafaring, coal mining, coal trimming, engineering (marine and general), chemical works, ironfounding, glass blowing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many of older houses dilapidated, damp, and dirty; serious crowding of dwellings upon area in older part of Borough near the river; apparently not a large amount of overcrowding of persons.
Water Supply.—Obtained from the works of the Sunderland and South Shields Water Company, water taken from six deep wells in Magnesian Limestone; unfiltered; supply constant and abundant; apparently of good quality.
Sewerage and Drainage.—Sewered throughout; sewage discharged into tidal estuary of the River Tyne, above low-water mark; ventilation very defective; 3 automatic and 80 other flushing tanks provided. House drainage fairly satisfactory as a rule.
Excrement Disposal and Removal.—There are 6,656 "dry ash closets," and 2,348 privy middens, remainder of dwellings provided with waterclosets. Scavenging of privies carried out by Sanitary Authority's staff, the "dry ash closets" emptied at weekly and the middens at three-weekly intervals.

Refuse Removal.—House refuse and ashes either thrown into middens and removed with midden contents, or placed in zinc pails, the contents of which are collected daily.

Registered Buildings and Trades :—

Common lodging-houses.	25	Structurally bad but fairly clean.	Dairies - -	50	Unsatisfactory at date of inspection.
			Cowsheds - -	12	
			Milkshops -	450	
Houses let in lodgings.	None registered.		Bakehouses -	24	Unsatisfactory in most cases.
Slaughter-houses	In shops most unsatisfactory.		Offensive trades	14	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Not very satisfactory.

Date of Approval of Byelaws as to :—Scavenging, none; Nuisances, 1872; Common lodging-houses, 1877; New streets and buildings, 1872; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1894.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; some 20 houses closed as unfit for habitation; but no action taken for their demolition, and no insanitary area dealt with.

Medical Officer of Health.—William H. Turnbull, M.B., B.S., B.Hy. *Salary.*—350*l.* (without repayment). *Performance of Duties.*—Good.

Inspector of Nuisances. — Joseph T. Hindmarsh and two assistants. *Salary.*—150*l.* (without repayment). *Performance of Duties.*—Fair, but staff not strong enough to keep pace with requirements of district.

Repression of Nuisances.—Fair under circumstances noted above.

Isolation Hospital.—Permanent fever hospital provided with 18 beds. Temporary small-pox hospital with 14 beds.

Disinfecting Apparatus.—Washington Lyons' high pressure steam apparatus at fever hospital.

Special Preparation for Cholera.—Scavenging, sewer flushing, and cleansing and whitewashing of premises attended to with increased activity.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Mr. Thompson on June 19th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Insanitary dwelling accommodation.
(2.) Sewerage and house drainage.
(3.) Byelaws.
(4.) Slaughter-houses.

SOUTHWICK URBAN DISTRICT.

(Durham.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—October 26th and 27th, 1893. *Area.*—845 acres. *Population.*—(1891) 10,226. *Inhabited Houses.*—(1891) 1,561. *Rateable Value.*—(1893) 24,464*l.* *Industries.*—Ship building and coal mining.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many damp cottages; yards frequently badly paved; some crowding of houses in older parts of town; some overcrowding of persons.

Water Supply. — Public supply obtained from the Sunderland and South Shields Water Company; water from deep wells in Magnesian Limestone; unfiltered; supply constant, and apparently of good quality.

Sewerage and Drainage.—Sewered throughout; sewage discharged into River Wear, and, with exception of some rough filtration, is untreated; ventilation by surface grids; flushing effected once or twice a year only. House drainage satisfactory.

Excrement Disposal and Removal.—Midden privies almost universal, many of worst type, and in some cases abutting upon houses. Middens emptied by Authority's staff "when necessary."

Refuse Removal.—House refuse and ashes disposed of in middens, and removed with midden contents.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	9	Moderate.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	None.	—
Slaughter-houses -	13	In shops.	Offensive trades -	2	Moderate.

B.—Sanitary Administration.

Administration by Sanitary Authority. —Formerly lax; now improving.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, 1865; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1891.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Houses of the Working Classes Act, 1890. Two blocks of property recently closed.

Medical Officer of Health.—Henry Liston, L.R.C.P., L.R.C.S. *Salary.* —15*l.* 15*s.* (without repayment). *Performance of Duties.*—Not very satisfactory, owing to friction with Authority.

Inspector of Nuisances.—John G. Reah. *Salary.*—125*l.* (without repayment). *Performance of Duties.*—Unsatisfactory.

Repression of Nuisances.—Unsatisfactory.

Isolation Hospital.—Temporary hospital for small-pox only.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Handbills giving precautions against cholera distributed in 1892.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on November 6th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Action in regard to nuisances.
(4.) Surface drainage.
(5.) Condition of dwellings.
(6.) Byelaws.
(7.) Dairies, cowsheds, and milkshops.

SOUTHWOLD BOROUGH.

(SUFFOLK.)

Inspector.—Dr. S. M. Copeman. *Date of Inspection.*—April 25th, 1893. *Area.*—612 acres. *Population.*—(1891) 2,311. *Inhabited Houses.*—(1891) 563. *Rateable Value.*—(1893) 9,264*l.* *Industries.*—Seaside resort, fishing.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Good on the whole; no crowding of houses upon area; apparently no overcrowding of persons.

Water Supply.—Public supply from works of Southwold Water Company; water obtained from well sunk in Crag; not filtered; supply sufficient in quantity, and apparently of good quality. Many houses still supplied with water from surface wells liable to contamination.

Sewerage and Drainage.—Not sewered; cesspools universal, and are unventilated. House drainage, slop water discharged into dead wells, which are usually distinct from closet cesspools; wastes disconnected.

Excrement Disposal and Removal.— Waterclosets, many hand-flushed and consequently foul. Cesspools emptied by contractor "when necessary." Some midden privies.

Refuse Removal.—House refuse stored in brick ashpits and in midden privies, and removed by contractor "when necessary."

Registered Buildings and Trades :—

Common lodging-houses	1	Fair.	Dairies - -	14	Good.
			Cowsheds - -	14	Fair.
Houses let in lodgings -	None registered.		Milkshops - -	None.	—
			Bakehouses - -	5	Good.
Slaughter-houses -	1	Unsatisfactory	Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Lax.

Date of Approval of Byelaws as to :—Scavenging, 1892; Nuisances, 1892; Common lodging-houses, 1892; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1892.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Francis Henry Vertue, M.R.C.S. *Salary.*—10*l.* (without repayment). *Performance of Duties.*—Unsatisfactory.

Inspector of Nuisances.—William Henry Potter. *Salary.*—10*l.* (without repayment). *Performance of Duties.*—Efficient.

Repression of Nuisances.—Efficient as regards common nuisances; but owing to Sanitary Authority not taking legal proceedings, recurrent nuisances not efficiently dealt with.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

Final Conference with Sanitary Authority held by Dr. Copeman on October 13th, 1893, when formal recommendations were made as regards the following matters :—

(1.) Isolation accommodation.
(2.) Excrement and refuse disposal.
(3.) Action with regard to nuisances.

SPALDING URBAN DISTRICT.

(Lincolnshire.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—April 13th, 1893. *Area.*—10,752 acres. *Population.*—(1891) 9,014. *Inhabited Houses.*—(1891) 2,110. *Rateable Value.*—(1892) 42,131*l.* *Industries.*—Those of an agricultural market town.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Good condition; no crowding of houses upon area; no appreciable overcrowding of persons.

Water Supply.—Public water supply obtained from an artesian well sunk in Limestone; not filtered; supply apparently sufficient in quantity, and of fair quality.

Sewerage and Drainage.—No sewerage system. Cesspools, mostly unventilated, universal. Cesspools emptied on an average about once in 20 years. House drainage—slop water—is carried by drains, often open, to the river.

Excrement Disposal and Removal.—Waterclosets almost universal, which discharge into cesspools noted above. Emptying of cesspools imposed upon occupiers of houses.

Refuse Removal.—Household refuse is disposed of in dustbins, the contents of which are supposed to be removed by the Sanitary Authority once a week.

Registered Buildings and Trades:—

Common lodging-houses	5	Clean.	Dairies	14	Fair.
Houses let in lodgings	None registered.		Cowsheds	14	Fair.
Slaughter-houses	11	Unregistered and filthy.	Milkshops	None.	—
			Bakehouses	17	Fair.
			Offensive trades	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very inefficient.

Date of Approval of Byelaws as to:—Scavenging, 1878; Nuisances, none; Common lodging-houses, none; New streets and buildings, 1878; Slaughter-houses, 1878; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Gilbert Lacy Barritt, L.R,C.P., M.R.C.S. *Salary.*—25*l.* (without repayment.) *Performance of Duties.*—Newly appointed; has given good advice.

Inspector of Nuisances.—Daniel Crampton. *Salary.*—20*l.* (without repayment). *Performance of Duties.*—Illiterate, ignorant, and inefficient.

Repression of Nuisances.—Nothing done.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on October 12th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation accommodation
(2.) Excrement and refuse disposal.
(3.) Action with regard to nuisances.
(4.) Byelaws.

SPENNYMOOR URBAN DISTRICT.

(DURHAM.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—September 8th, 1893. *Area.*—168 acres. *Population.*—(1891) 6,041. *Inhabited Houses.*—(1891) 1,135. *Rateable Value.*—(1893) 13,172*l.* *Industries.*—Ironworks and coal mining.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Many cottages are wretched hovels, majority have no eavespouting, and yards frequently unpaved; no marked crowding of houses upon area; some overcrowding of persons.

Water Supply.—Public supply from the works of the Wear and Shildon Water Company, obtained from Waskerley gathering ground; supply constant, plentiful, and apparently of good quality.

Sewerage and Drainage.—Sewered throughout; sewers insufficient in some cases; sewage discharged into some small settling tanks, and thence into Tudhoe Beck; ten acres of land purchased for sewage farm, but not used; ventilation by road grids; flushing effected by water-cart. House drainage—many yard gullies untrapped.

Excrement Disposal and Removal.—Midden privies of worst type almost universal, many situated within a yard of pantry windows. Middens emptied "once a month" by contractors under Sanitary Authority.

Refuse Removal.—House refuse disposed of in middens, and removed with midden contents.

Registered Buildings and Trades:—

Common lodging-houses	4	Dirty.	Dairies - - -	27	Fair.
			Cowsheds - -		
Houses let in lodgings -	None registered.		Milkshops - -		
			Bakehouses - -	None.	—
Slaughter-houses -	9	Good.	Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Very lax.

Date of Approval of Byelaws as to:—Scavenging, 1885; Nuisances, 1885; Common lodging-houses, 1885; New streets and buildings, 1885; Slaughter-houses, 1885; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amenment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; action being taken at date of inspection under pressure from County Council.

Medical Officer of Health.—John C. O'Hanlon, L.R.C.S., M.R.C.P. *Salary.*—25*l.* (with repayment). *Performance of Duties.*—Moderate.

Inspector of Nuisances.—Thomas Crawford. *Salary.*—90*l.* (with repayment). *Performance of Duties.*—New appointment.

Repression of Nuisances.—Very inefficient hitherto.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

Final Conference with Sanitary Authority held by Dr. Wilson on October 3rd, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) House drainage.
(4.) Condition of dwellings.
(5.) Dairies, cowsheds, and milkshops.

STALYBRIDGE BOROUGH.

(Cheshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—June 6th and 8th, 1893. *Area.*—3,135 acres. *Population.*—(1891) 26,783. *Inhabited Houses.*—(1891) 5,775. *Rateable Value.*—(1892) 96,608*l.* *Industries.*—Cotton spinning and weaving, woollen manufacture, iron working.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Older cottages frequently ill-ventilated and in bad repair; much crowding of houses in older parts of town, many built back-to-back; no appreciable overcrowding of persons.

Water Supply.—Public supply obtained from a moorland gathering ground; no filtration; supply constant; water apparently of good quality.

Sewerage and Drainage.—Short lengths of sewers constructed at different times; all discharge sewage untreated direct into River Tame; ventilated chiefly by rain-water fall pipes; no system of flushing. House drainage satisfactory as a rule, all wastes properly disconnected.

Excrement Disposal and Removal.—Chiefly by privy middens of very bad type; some 200 waterclosets in district, of which some are hand-flushed; middens emptied about once in three weeks.

Refuse Removal.—House refuse disposed of in middens, and removed with midden contents.

Registered Buildings and Trades:—

Common lodging-houses	5	Good.	Dairies - - -	73	Fair.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	None.	—
Slaughter-houses -	22	Well kept.	Offensive trades -	1	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inefficient formerly; now anxious to improve.

*Date of Approval of Byelaws as to:—*Scavenging, none; Nuisances, none; Common lodging-houses, 1878; New streets and buildings, 1878; Slaughter-houses, 1876; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1882.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., III., and V. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken, (action taken under a private Act).

Medical Officer of Health.—Frederick John Roberts-Dudley, M.R.C.S., L.S.A. *Salary.*—100*l.* (without repayment). *Performance of Duties.*—Somewhat slow to act.

Inspector of Nuisances.—Joseph Oliver. *Salary.*—130*l.* (without repayment). *Performance of Duties.*—Acts chiefly upon complaint.

Repression of Nuisances.—Inefficient as regards recurrent nuisances.

Isolation Hospital.—Building bought in 1888 and partly fitted up, but never used for hospital purposes.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on June 29th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) Disposal of sewage.
(5.) Housing of the Working Classes Act, 1890.

STANHOPE URBAN DISTRICT.

(Durham.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—October 30th, 1893. *Area.*—211 acres. *Population.*—(1891) 1864. *Inhabited Houses.*—(1891) 399. *Rateable Value.*—(1893) 3,727*l.* *Industries.*—Limestone quarrying and agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Good condition as a rule; little crowding of houses upon area, a few back-to-back houses; apparently no over-crowding of persons.

Water Supply.—Public supply obtained from springs in the Millstone Grit; no filtration; supply constant and plentiful; quality apparently good.

Sewerage and Drainage.—Sewered throughout; sewage discharged into settling tank, and thence direct into River Wear; ventilation effected by means of a few shafts; no provision for flushing. House drainage, in many cases old stone culverts in use; many gullies insufficiently trapped; house wastes, as a rule, disconnected.

Excrement Disposal and Removal.—Chiefly by means of midden privies of bad type, some so situated that contents have to be carried through houses. Emptying of middens left to occupiers of houses, and frequently difficulty experienced in disposing of refuse.

Refuse Removal.—House refuse disposed of in middens, and removed with midden contents.

Registered Buildings and Trades:—

Common lodging-houses	1	Very bad.	Dairies - - -	12	Several unlighted and illventilated.
Houses let in lodgings -	None registered.		Cowsheds -		
			Milkshops - -		
			Bakehouses - -	None.	—
Slaughter-houses -	4	Fair.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very lax.

Date of Approval of Byelaws as to:—Scavenging, 1875; Nuisances, 1875; Common lodging-houses, none; New streets and buildings, 1875; Slaughter-houses, 1875; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—William Robinson, M.D., F.R.C.S. *Salary.*—33*l.* (without repayment). *Performance of Duties.*—Excellent.

Inspector of Nuisances.—John Parker. *Salary.*—10*l.* (without repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fair.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on December 18th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) Sewerage and house drainage.
(5.) Common lodging-houses.
(6.) Byelaws.
(7.) Dairies, cowsheds, and milkshops.

STANLEY URBAN DISTRICT.

(Durham.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—November 22nd, 1893. *Area.*—2,006 acres. *Population.*—(1891) 7,614. *Inhabited Houses.*—(1891) 1,243. *Rateable Value.*—(1893) 22,351*l.* *Industries.*—Coal mining.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Older cottages damp and dilapidated; several blocks of property unfit for habitation, many back-to-back houses; much overcrowding of persons.

Water Supply.—Public supply from works of the Consett Water Company; water obtained from moorland gathering ground; no filtration; supply constant; water much discoloured, and evidently stands much in need of filtration.

Sewerage and Drainage.—No proper sewerage system; sewage discharged untreated into watercourses; new scheme in preparation. House drainage very unsatisfactory, drains frequently of unsocketed pipes, with untrapped gullies.

Excrement Disposal and Removal.—Privy middens universal; many of older middens of bad type; modern middens covered, cemented, and raised above ground-level, but not so arranged as to admit of mingling of ashes with excrement. Middens emptied partly by colliery owners and partly by occupiers of houses.

Refuse Removal.—House refuse disposed of in middens, and removed with midden contents. Work frequently unsatisfactorily performed.

Registered Buildings and Trades:—

Common lodging-houses	2	Good.	Dairies - - -	4	Fair.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
Slaughter-houses -	6	Fair.	Bakehouses - -	None.	—
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Wishful to improve district.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Thomas Benson, L.R.C.P., M.R.C.S. *Salary.*—30*l.* (without repayment). *Performance of Duties.*—Active and efficient.

Inspector of Nuisances.—Joseph Routledge. *Salary.*—80*l.* (without repayment). *Performance of Duties.*—Active and efficient.
Repression of Nuisances.—Efficient.
Isolation Hospital.—Provided in combination with Consett Urban, Leadgate Urban, and Lanchester Rural.
Disinfecting Apparatus.—Provided at the hospital.
Special Preparation for Cholera.—Handbills giving precautions against cholera distributed, and cottages have been secured, from which the present tenants will remove at an hour's notice, for the admittance of cholera cases.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on December 21st, 1893, when formal recommendations were made as regards the following matters :—
(1.) Excrement and refuse disposal.
(2.) Sewerage and house drainage.
(3.) Condition of dwellings.
(4.) Byelaws.

STOCKPORT COUNTY BOROUGH.

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—November 22nd, 1893. *Area.*—2,200 acres. *Population.*—(1891) 70,263. *Inhabited Houses.*—(1891) 15,573. *Rateable Value.*—(1893) 246,341*l.* *Industries.*—Cotton factories and felt-hat manufacture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—In newer parts of Borough satisfactory, but in older parts some are dilapidated and damp. There are narrow courts entered by passages from main streets ; back-to-back houses ; some houses have no yards at all ; overcrowding of persons occasionally found.
Water Supply.—From works of Stockport and District Water Company, water obtained from upland gathering grounds near Disley ; supply inadequate. Company have agreement with Manchester Corporation to supplement supply from their mains to part of Borough north of Mersey. Company also purchases water from certain proprietors who have deep bore wells in Permian Sandstone. Chemical analysis not satisfactory.
Sewerage and Drainage.—Some old square sewers still in use ; ventilation inefficient ; some vertical shafts recently erected ; flushing formerly inefficient, now being better provided for ; sewage discharged by 11 outfalls untreated into the Mersey. House drainage not always satisfactory.
Excrement Disposal and Removal.—Mostly by large and objectionable midden privies, giving rise to great nuisance ; middens often wet and foul ; excavated below level of ground, and permitting soakage of liquid filth into adjacent soil. Emptied by Corporation's men about once in three months. Only about 700 watercloscts in the Borough, but the number is increasing.
Refuse Removal.—Stored in middens close to houses, and emptied, it is said, about once in three months by Corporation. The emptying process gives rise to great nuisance. About 100 middens are so situate that contents have to be carried through the houses to street when emptied.
Registered Buildings and Trades:—

Common lodging-houses	25	Satisfactory.	Cowsheds - -	17	Want better ventilation and more whitewash.
Houses let in lodgings -	None registered.				
Slaughter-houses -	40	Not always satisfactory.	Bakehouses - -	39	Fairly good.
Dairies and milkshops	133	Only moderate.	Offensive trades -	25	Moderately satisfactory.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improved.

Date of Approval of Byelaws as to:—Scavenging, 1864; Nuisances, 1864; Common lodging-houses, 1864; New streets and buildings, 1884; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1893.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1893.
(*d.*) Housing of the Working Classes Act, 1890; some areas now being dealt with.

Medical Officer of Health.—Charles Porter, M.D., M.R.C.S., D.P.H. *Salary.*—400*l.* (without repayment). *Performance of Duties.*—Very able and efficient.

Inspector of Nuisances.—Jacob Marshall (there are three sub-inspectors). *Salary.*—117*l.* (without repayment). *Performance of Duties.*—Satisfactory on the whole.

Repression of Nuisances.—Satisfactory, except as regards the privy middens.

Isolation Hospital.—Twenty-eight beds, in two pavilions each with three wards, opened in 1881. Extension needed. A separate building at Whitehill used for isolation of small-pox cases.

Disinfecting Apparatus.—Goddard and Massey's steam disinfector.

Special Preparation for Cholera.—The Medical Officer of Health drew up series of recommendations as to precautions to be taken. Arrangements were made to remove any cases to hospital at Whitehill, and agreement made with Nursing Institute at Derby to supply nurses if needed.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on January 24th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement and refuse disposal.
(2.) Sewerage and drainage.
(3.) Water supply.
(4.) Isolation accommodation.
(5.) Byelaws.
(6.) Dairies, cowsheds, and milkshops.

STOKE-UPON-TRENT BOROUGH.

(Staffordshire.)

Inspector.—Dr. R. D. R. Sweeting. *Date of Inspection.*—February 6th, 1894. *Area.*—1,720 acres. *Population.*—(1891) 24,027. *Inhabited Houses.*—(1891) 4,486. *Rateable Value.*—(1893) 78,702*l.* *Industries.*—Potteries; brick and tile making; collieries adjacent.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Good on the whole, a few badly paved courts; some crowding of dwellings upon area in older parts of town; little overcrowding of persons.

Water Supply.—Public supply from the North Staffordshire Water Company; supply constant, and apparently of good quality.

Sewerage and Drainage.—Sewered throughout; sewage disposed of on sewage farm, ventilation of sewers effected by open manholes; flushing by water carts and automatic flushing tanks. House drainage fair as a rule; sink wastes disconnected.

Excrement Disposal and Removal.—Privy cesspits, 4,364; waterclosets provided with flushing cisterns, 250; hand-flushed waterclosets, 200. Scavenging of privy cesspits carried out by Authority's staff, and is not so regular and efficient as it should be.

Refuse Removal.—House refuse disposed of in ashpits, many very large and foul. Scavenging unsatisfactory—many overflowing receptacles at date of inspection.

Registered Buildings and Trades:—

Common lodging-houses	1	Moderate.	Dairies - - -	25	Moderate.
Houses let in lodgings -	None registered.		Cowsheds - -		
Slaughter-houses -	17	Good on the whole.	Milkshops - -	50	Good.
			Bakehouses - -	?	Good.
			Offensive trades -	14	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Capable of improvement.

*Date of Approval of Byelaws as to:—*Scavenging, none; Nuisances, none; Common lodging-houses, 1885; New streets and buildings, 1875; Slaughter-houses, 1875; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., III., and V. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; proceedings taken in one case.

Medical Officer of Health.—Samuel Johnson, M.D., M.Ch. *Salary.*—75*l.* (without repayment). *Performance of Duties.*—Intelligent and painstaking.

Inspector of Nuisances.—Edward William Howell, Cert. San. Inst. *Salary.*—120*l.* (without repayment). *Performance of Duties.*—Satisfactory.

Repression of Nuisances.—Satisfactory.

Isolation Hospital.—Provided in combination with Fenton and Hanley Urban, 50 beds.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Handbills giving precautions against cholera distributed in 1892 and 1893; ashpits disinfected with dessicated sulphate of iron; special sub-committee of Town Council given power to act summarily in any case of cholera; Joint Hospital Board offered to set aside 20 beds for cholera cases.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Sweeting on April 19th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement disposal.
(2.) Refuse disposal.
(3.) Scavenging.
(4.) Drainage.
(5.) Sewage disposal.
(6.) Courts and insanitary houses.
(7.) Byelaws.
(8.) Dairies, cowsheds, and milkshops.
(9.) Disinfecting apparatus.

STRETFORD URBAN DISTRICT.

(LANCASHIRE.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—December 11th, 1894. *Area.*—3,255 acres.—*Population.*—(1891) 21,751. *Inhabited Houses.*—(1891) 4,167. *Rateable Value.*—(1894) 131,224*l*. *Industries.*—Largely residential; engineering and cabinet-making works.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Satisfactory on the whole; some back-to-back houses; overcrowding of persons occasional.

Water Supply.—From the service of the Manchester Corporation; constant and apparently of good quality.

Sewerage and Drainage.—Sewered throughout; ventilation by roadway grids; flushing by automatic tanks; sewage discharged by two outfalls, one to sewage farm, where it is treated on land by broad irrigation; the other into the Manchester main sewer. House drainage satisfactory.

Excrement Disposal and Removal.—Mainly by waterclosets (2,650), but there are still a number of midden privies (1,118), some of which are situated close to houses; there are also a few slop-closets. Middens emptied by Local Authority's staff at intervals of six weeks.

Refuse Removal.—In houses with waterclosets refuse is kept in movable receptacles or in dry ashpits. In other cases refuse passed into the privy midden, emptied by Local Authority.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Bakehouses -	15	Several are cellar bakehouses, the others are satisfactory.
Houses let in lodgings -	None registered.				
Slaughter-houses -	7	Satisfactory.			
Dairies and Milkshops	37	Satisfactory.			
Cowsheds - - -	23	Satisfactory.	Offensive trades	—	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Efficient.

Date of Approval of Byelaws as to:—Scavenging, 1868; Nuisances, none; Common lodging-houses, 1868; New streets and buildings, 1893; Slaughter-houses, 1868; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—1887.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act. 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890. One area, involving 56 houses, dealt with in 1892.

Medical Officer of Health.—William John Heslop, F.R.C.S., L.R.C.P. *Salary.*—100*l*. (with repayment). *Performance of Duties.*—Efficient.

Inspector of Nuisances.—William F. Thornley, Cert. San. Inst. *Salary.*—142*l*. (with repayment). *Performance of Duties.*—Good.

Repression of Nuisances.—Fair.

Isolation Hospital.—An agreement in force with Manchester Corporation whereby, for a yearly payment and also a charge per head, cases are treated in the Monsall Hospital.

Disinfecting Apparatus.—The Manchester Corporation disinfect all clothing, &c. at a charge of 5*s*. per bundle or package.

Special Preparation for Cholera.—A general inspection of district made in 1892–93, and extra scavenging done. Provision made to supply diarrhœa medicine. Leaflets distributed giving advice as to measures to be taken. Arrangements made to erect, if needed, a hospital within seven days, to treat cases.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

No Final Conference with Sanitary Authority was held by Dr. Bruce Low as measures were being taken by the Local Authority to deal efficiently with the sanitary defects of the district.

SUNDERLAND COUNTY BOROUGH.

Inspector.—Mr. T. W. Thompson. *Date of Inspection.*—April 19th, 1894. *Area.*—2,868 acres. *Population.*—(1891), 131,015. *Inhabited Houses.*—(1891) 18,719. *Rateable Value.*—(1894) 446,725*l.* *Industries.*—Shipbuilding, engineering, mining, seafaring, and glass blowing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—In older parts of town many dilapidated and unsatisfactory dwellings; yards frequently either unpaved or badly paved; in older parts of town much crowding of houses upon area; no notable overcrowding of persons.

Water Supply.—Public supply from the works of the Sunderland and South Shields Water Company; water obtained from deep wells sunk in Limestone; no filtration; supply constant, abundant, and apparently of good quality.

Sewerage and Drainage.—Sewered throughout; sewage discharged by 16 outfalls either into tidal river or into sea; ventilation effected by open manholes fitted with dirt boxes, also some vertical shafts; flushing effected by special water vans. House drainage satisfactory as a rule; all wastes disconnected, and in newly-built houses drains disconnected from sewers.

Excrement Disposal and Removal.—With the exception of some 4,000 waterclosets and 1,100 "tub closets," the houses are dependent upon privy middens for excrement disposal; middens mostly of most defective type, uncovered, large, and not so constructed as to keep out surface water, or to prevent soakage of their contents into soil. Scavenged by Corporation staff systematically, each midden emptied once in three weeks; work well done.

Refuse Removal.—House refuse disposed of, as a rule, in middens, and removed with midden contents.

Registered Buildings and Trades:—

Common lodging-houses.	32	Fairly clean, but some dilapidated.	Dairies - - -	36	Clean.
			Cowsheds - -	46	Clean, but some overcrowded.
Houses let in lodgings.	None registered.		Milkshops - -	426	Clean.
			Bakehouses -	27	Clean.
Slaughter-houses -	164	Highly improper and unsatisfactory (in shops).	Offensive trades -	8	Moderate.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Generally satisfactory, although defective in some respects.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1872; Common lodging-houses, 1878; New streets and buildings, 1879; Slaughter-houses, 1852; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1894.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; compulsory notification under special Act, dated 1885.

(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted in view of provisions contained in Borough of Sunderland Act, 1885.

(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., III., and IV. adopted 1894.

(*d.*) Housing of the Working Classes Act, 1890; some dozen houses closed under this Act, and a scheme in hand for dealing with area.

Medical Officer of Health.—John Cundall Wood, L.R.C.P., L.R.C.S., D.P.H. *Salary.*—500*l.* (without repayment). *Performance of Duties.*—Not satisfactory.

Inspector of Nuisances.—William Mackay (with six assistant inspectors). *Salary.*—120*l.* (without repayment). *Performance of Duties.*—Fairly satisfactory.

Repression of Nuisances.—Fair.

Isolation Hospital.—Permanent hospital for 42 patients provided in 1890, well arranged and constructed.

Disinfecting Apparatus.—Washington Lyons' high-pressure steam apparatus provided at hospital.

Special Preparation for Cholera.—Increased activity as regards scavenging, flushing of sewers, and abatement of nuisances generally in autumn of 1893; handbills distributed; arrangements made for accommodation of cholera patients in old "House of Recovery."

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Mr. Thompson on June 18th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Insanitary dwellings.
(2.) Sewerage.
(3.) Excrement and refuse disposal.
(4.) Slaughter-houses.
(5.) Byelaws.

SWADLINCOTE URBAN DISTRICT.

(Derbyshire.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—June 21st and 22nd, 1894. *Area.*—3,332 acres. *Population.*—(1891) 13,889. *Inhabited Houses.*—(1891) ? *Rateable Value.*—(1894) 46,193*l.* *Industries.*—Potteries and collieries.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair on the whole; no crowding of houses upon area; occasional overcrowding of persons.

Water Supply.—Public supply from two sources (*a*) well 83 yards deep sunk in Coal Measures in Blackfordby parish, and (*b*) a mining adit in a coal-pit at Newhall; water from (*a*) filtered through sand and gravel, (*b*) not filtered. Present supply insufficient in quantity, and water from source (*b*) of doubtful quality.

Sewerage and Drainage.—Partially sewered; sewers unventilated; flushing arrangements insufficient; outfall on land. Scheme in preparation for sewerage of whole district. House drainage very unsatisfactory, many untrapped gullies.

Excrement Disposal and Removal.—Cesspit privies almost universal, and a source of nuisance. Scavenging carried out by contract.

Refuse Removal.—House refuse deposited in ashpits of bad type. Scavenging by contract; many overfull receptacles at date of inspection.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	?	Moderate.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
Slaughter-houses -	23	Fair.	Bakehouses - -	9	Good.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Practically a new Authority.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1871; Common lodging-houses, 1871; New streets and buildings, 1871; Slaughter-houses, 1871; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1888.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—John Hamilton, M.D., F.R.C.S. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—An active officer.

Inspector of Nuisances.—Robert Cartwright. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—Efficient.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—Temporary hospital for 12 beds for small-pox only.

Disinfecting Apparatus.—Dry heat oven at small-pox hospital.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on July 11th, 1894, when formal recommendations were made as regards the following matters :—

(1.) Isolation provision.
(2.) Water supply.
(3.) Sewerage and house drainage.
(4.) Excrement and refuse disposal.
(5.) Private streets.
(6.) Dairies, cowsheds, and milkshops.
(7.) Byelaws.

SWANAGE URBAN DISTRICT.

(Dorsetshire.)

Inspector.—Dr. H. T. Bulstrode. *Date of Inspection.*—June 1st, 1893. *Area.*—3,097 acres. *Population.*—(1891) 2,674. *Inhabited Houses.*—(1891) 564. *Rateable Value.*—(1893) 9,896*l.* *Industries.*—Seaside resort, Purbeck stone quarries.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair as a rule, some dilapidated cottages; little crowding of houses upon area; occasional overcrowding of persons.

Water Supply.—Public supply from two sources, (*a*) from a spring in Chalk at Ulwell, and (*b*) from an artesian well 113 feet deep at Swanage; water not filtered; supply sufficient in quantity and apparently of fair quality.

Sewerage and Drainage.—No proper sewerage system; some short lengths of sewer constructed with outfalls on foreshore, within 17 feet of a public market; ventilation very defective; no proper arrangements for flushing. Many drains empty into brook running through town, and give rise to nuisance. House drainage very imperfect; many stone drains under houses, and few properly disconnected.

Excrement Disposal and Removal.—Chiefly by cesspit privies, many of very large size and source of dangerous nuisance; contents removed when receptacles "full," often at intervals of two or three years.

Refuse Removal.—House refuse deposited in pails or tubs and removed thrice a week by contractor.

Registered Buildings and Trades :—

Common lodging-houses	None.	—	Dairies - - -	?	Fair.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	50	Fair.
Slaughter-houses -	1	Closed.	Offensive trades	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very indifferent.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1875; Common lodging-houses, none; New streets and buildings, 1875; Slaughter-houses, 1875; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Albert Stanley McCausland, M.D., L.R.C.P., M.R.C.S. *Salary.*—21*l.* (with repayment). *Performance of Duties.*—Unsatisfactory.

Inspector of Nuisances.—Joseph Parsons. *Salary.*—45*l.* (with repayment). *Performance of Duties.*—Inefficient.

Repression of Nuisances.—Inefficiently dealt with.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Greater vigilance exercised in securing emptying of cesspits and removal of refuse during 1892.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bulstrode on August 10th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation accommodation.
(2.) Water supply.
(3.) Sewerage and drainage.
(4.) Excrement and refuse disposal.
(5.) Byelaws.

TEIGNMOUTH URBAN DISTRICT.

(Devonshire.)

Inspector.—Dr. H. T. Bulstrode. *Date of Inspection.*—August 2nd, 1893. *Area.*—1,595 acres. *Population.*—(1891) 8,292. *Inhabited Houses.*—(1891) 1,696. *Rateable Value.*—(1893) 35,784*l.* *Industries.*—Shipping trade; health resort; some ship-building and fishing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair as a rule; some crowding of houses on area; little or no overcrowding of persons.

Water Supply.—Mainly from deep well sunk in New Red Sandstone; sand filtration; supply intermittent; deficient in quantity; supply occasionally supplemented by water from stream of doubtful purity.

Sewerage and Drainage.—Sewerage system constructed in 1885; sewage discharged into tidal estuary; ventilation of sewers defective; flushing also defective owing to deficient water supply; some houses not connected with sewerage system; house drains insufficiently ventilated.

Excrement Disposal and Removal.—Almost universally by means of waterclosets, many without proper flushing arrangements.

Refuse Removal.—Undertaken by Sanitary Authority. Filth receptacles not properly cleansed. Refuse depôt source of nuisance.

Registered Buildings and Trades:—

Common lodging-houses	None	—	Cowsheds - -	2	Bad.
Houses let in lodgings -	Few	Not regulated	Milkshops - - -	2	Fair.
Slaughter-houses -	3	Indifferent.	Bakehouses - -	20	Fair.
Dairies - - -	25	Fair.	Offensive trades - -	None.	--

B.—Sanitary Administration.

Administration by Sanitary Authority.—Wanting in energy.
Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1881; Common lodging-houses, 1881; New streets and buildings, 1882; Slaughter-houses, 1881; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None submitted to Local Government Board.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., III., and V. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; several houses recently closed.
Medical Officer of Health.—F. C. H. Piggott, M.D. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Satisfactory.
Inspector of Nuisances.—John Drake, Cert. San. Inst. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Satisfactory.
Repression of Nuisances.—Fairly well dealt with.
Isolation Hospital.—Wholly inadequate.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—In 1892 a complete scheme, showing the precautions necessary to be taken in case cholera appeared, was drawn up by the Medical Officer of Health and adopted by the Sanitary Authority.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bulstrode on January 10th, 1894, when formal recommendations were made as regards the following matters:—
(1.) Water supply.
(2.) Isolation accommodation.
(3.) Disinfecting apparatus.
(4.) Sewerage and drainage.
(5.) Refuse disposal and removal.
(6.) Byelaws under Public Health Acts Amendment Act, 1890.

TENBY BOROUGH.

(Pembrokeshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—June 20th–22nd, 1893. *Area.*—629 acres. *Population.*—(1891) 4,542. *Inhabited Houses.*—(1891) 858. *Rateable Value.*—(1893) 21,846*l.* *Industries.*—Sea-side resort.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair condition as a rule, some damp houses; some crowding of houses upon area in older parts of the town, a few back-to-back houses; overcrowding of persons to some extent.
Water Supply.—Public supply from three sources: (*a*) Ladywell springs and gathering ground; (*b*) surface water and adits driven into hill; (*c*) springs and streams at St. Florence Valley; no filtration; supply constant and sufficient in quantity, but liable to contamination from animal pollution.
Sewerage and Drainage.—Sewered throughout; sewage discharged by three outfalls, two into sea and one on marshy land; ventilation effected by shafts carried up the sides of houses; flushing carried out at irregular intervals. House drainage fairly well carried out, but ventilation of house drains very imperfect.

Excrement Disposal and Removal.—Waterclosets provided with flushing cisterns universal.

Refuse Removal.—House refuse placed in boxes in the street, and removed by contractor daily.

Registered Buildings and Trades :—

Common lodging-houses	None.	—	Cowsheds - -	None	—
Houses let in lodgings -	None registered.		Milkshops - -	3	Fair.
Slaughter-houses -	1	Moderate.	Bakehouses - -	?	—
Dairies - - -	1	Fair.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fair.

Date of Approval of Byelaws as to :—Scavenging, 1865; Nuisances, 1865; Common lodging-houses, 1865; New streets and buildings, 1865; Slaughter-houses, 1865; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; scheme drawn out for erection of 50 dwellings.

Medical Officer of Health.—John Griffith Lock, L.R.C.P., M.R.C.S., L.S.A. *Salary.*—30*l.* (without repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—Henry Teesdale Morley. *Salary.*—109*l.* 4*s.* 0*d.* (without repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fair.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on August 22nd, 1893, when formal recommendations were made as regards the following matters :—

(1.) Water supply.
(2.) Byelaws.
(3.) Isolation hospital accommodation.

THORNTON URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—September 12th, 1894. *Area.*—2,245 acres. *Population.*—(1891) 5,680. *Inhabited Houses.*—(1891) 1,302. *Rateable Value.*—(1894) 16,517*l.* *Industries.*—Stone-quarrying, agriculture, worsted manufacture and coal mining.

A.—Sanitary Circumstances.

Dwellings of the Poor.—All stone built cottages in fair condition; many back-to-back houses; apparently no overcrowding of persons.

Water Supply.—Public supply from well sunk in Sandstone; no filtration; supply scanty in summer, but then supplemented with water from mains of Bradford Corporation; quality apparently fair. Outlying houses supplied from local springs and wells.

Sewerage and Drainage.—No proper sewerage scheme; sewage conveyed partly in pipes and partly in rubble drains; sewage discharged untreated on fields or into nearest watercourse; ventilation effected through untrapped street gullies; no means of flushing provided. House drainage chiefly of rubble, sink wastes frequently untrapped and directly connected with these imperfect drains.

Excrement Disposal and Removal.—Privy middens of bad type universal, and the removal of their contents is left to owners of property, and is as a consequence much neglected.

Refuse Removal.—House refuse disposed of in privy middens; many large accumulations of filth observed at time of inspection.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	98	Generally satisfactory.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -	None.	—
			Bakehouses - -	None.	—
Slaughter-houses -	10	Moderate.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very lax in the past; now improving.

Date of Approval of Byelaws as to:—Scavenging, 1866; Nuisances, 1866; Common lodging-houses, none; New streets and buildings, none; Slaughter-houses, 1866; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., III., and IV. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Thomas George Drake, L.R.C.P. and L.R.C.S.I. *Salary.*—29*l.* (with repayment). *Performance of Duties.*—Active and efficient.

Inspector of Nuisances.—Thomas Wade. *Salary.*—26*l.* (with repayment). *Performance of Duties.*—New appointment—active and efficient.

Repression of Nuisances.—Recently promptly dealt with.

Isolation Hospital.—Provided in combination with Wilsden and Clayton Urban, 8 beds; well arranged.

Disinfecting Apparatus.—Steam disinfector erected at Joint Hospital.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on October 19th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) Sewerage and house drainage.
(5.) Condition of dwellings.

TIPTON URBAN DISTRICT.

(Staffordshire.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—August 27th–29th, 1894. *Area.*—2,171 acres. *Population.*—(1891) 29,314. *Inhabited Houses.*—(1891) 5,930. *Rateable Value.*—(1894) 88,809*l.* *Industries.*—Iron working, coal mining.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many dilapidated, damp, ill-ventilated cottages, some unfit for habitation; no noticeable crowding of houses upon area; occasional overcrowding of persons.

Water Supply.—About 87 per cent. of dwellings supplied from works of South Staffordshire Water Company; remaining houses obtain water from wells often so situate as to be liable to dangerous contamination.

Sewerage and Drainage.—Sewerage in state of transition; about one fourth of district newly sewered, in remaining part sewerage fragmentary; ventilation by surface grids; flushing by water carts and by automatic flushing tanks; sewage from new works treated with lime and sulphate of alumina and afterwards filtered before being discharged into the Tame; much of sewage passed into Canal and into watercourses. House drainage satisfactory where new sewers exist, elsewhere dangerous sewage nuisances.

Excrement Disposal and Removal.—Chiefly by cesspits and midden privies; privy nuisances abound; scavenging by Authority's staff, very inefficiently performed.

Refuse Removal.—House refuse disposed of in middens and removed by scavengers at irregular intervals; numerous overflowing privies and ashpits at date of inspection.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	72	Moderate.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
Slaughter-houses -	27	Fair.	Bakehouses - -	?	Unsatisfactory.
			Offensive trades -	2	Moderate.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Inactive and inefficient.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1865; Common lodging-houses, 1865; New streets and buildings, 1865; Slaughter-houses, 1865; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1893.

(*c.*) Public Health Acts Amendment Act, 1890; Parts I., II., III., and IV. adopted 1893.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Arthur Stopford Underhill, M.D., M.Ch., D.P.H. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—Fair in view of inefficiency of Sanitary Authority.

Inspector of Nuisances.—Thomas Charles Aveling. *Salary.*—90*l.* (without repayment). *Performance of Duties.*—New appointment.

Repression of Nuisances.—Inefficiently dealt with hitherto.

Isolation Hospital.—Accommodation for 10 patients suffering from one disease provided; arrangements very faulty.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Handbills giving precautions against cholera distributed.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on October 22nd, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Sewerage and house drainage.
(3.) Excrement disposal.
(4.) Condition of dwellings.
(5.) Byelaws.
(6.) Dairies, cowsheds, and milkshops.

TONG URBAN DISTRICT.

(YORKSHIRE, W.R.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—August 1st–2nd, 1894. *Area.*—2,657 acres. *Population.*—(1891) 6,899 *Inhabited Houses.*—(1891) 1,550. *Rateable Value.*—(1894) 24,096*l.* *Industries.*—Woollen and worsted manufactures.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Considerable number of old single-storeyed and sometimes single-roomed cottages, often sunk below ground level and very damp; many back-to-back houses; no noticeable over-crowding of persons.

Water Supply.—Public supply from works of the Bradford Corporation (high level); water plentiful and of good quality. A few houses still supplied from wells and surface water of doubtful purity.

Sewerage and Drainage.—Tong Street and Cutler Height sewered throughout; sewage farm provided, but not used; inadequate ventilation, and no flushing provision. Tong village, Westgate Hill, and Holme Bottoms unsewered. House drainage frequently of rubble and sink wastes, often untrapped.

Excrement Disposal and Removal.—Privy middens universal, majority covered over and of moderate size. Middens scavenged by Authority's staff on notice being given by occupiers of houses.

Refuse Removal.—House refuse disposed of in middens.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	66	Fairly good.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	None.	—
Slaughter-houses -	6	Satisfactory.	Offensive trades -	2	Fair.

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Not very active.

Date of Approval of Byelaws as to:—Scavenging, 1872; Nuisances, 1872; Common lodging-houses, 1872; New streets and buildings, 1872; Slaughter-houses, 1872; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Gustave H. Moorhead, L.R.C.P. and S.I. *Salary.*—25*l.* (with repayment). *Performance of Duties.*—New appointment.

Inspector of Nuisances.—Henry Willey. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—Provided in combination with Cleckheaton, Hunsworth, and North Bierley Urban; 16 beds permanent, 12 beds temporary; well arranged.

Disinfecting Apparatus.—Steam disinfecting apparatus at Joint Hospital.

Special Preparation for Cholera.—None.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

Final Conference with Sanitary Authority held by Dr. Wilson on October 29th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement and refuse disposal.
(2.) Sewerage.
(3.) House drainage.
(4.) Houses unfit for habitation.
(5.) Byelaws.
(6.) Dairies, cowsheds, and milkshops.

TOW LAW URBAN DISTRICT.

(DURHAM.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—September 18th, 1893. *Area.*—470 acres. *Population.*—(1891) 4,554. *Inhabited Houses.*—(1891) 904. *Rateable Value.*—(1893) 9,363*l.* *Industries.*—Coal mining.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Dwellings fair on the whole; many unpaved and filthy yards; considerable crowding of houses on area in courts; apparently no overcrowding of persons.

Water Supply.—Public supply from works of the Wear and Shildon Water Company, water obtained from Waskerley gathering ground. Supply constant, plentiful, and of good quality.

Sewerage and Drainage.—Sewered throughout; sewage discharged either into slag heaps or into watercourses flowing into River Wear; ventilation by road grids inadequate; flushing by water cart. House drainage, very few sinks inside houses, yard gullies frequently inefficiently trapped.

Excrement Disposal and Removal.—Privy middens universal, majority large, open, deep, and unpaved; many in contact with walls of dwelling-houses. Scavenging left to owners or occupiers and much neglected.

Refuse Removal.—Disposed of in middens; great accumulations of filth at date of inspection.

Registered Buildings and Trades:—

Common lodging-houses	2	Crowded and dirty.	Dairies - - -	?	Very bad.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	None.	—
Slaughter-houses -	10	Moderate.	Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Very lax.

Date of Approval of Byelaws as to:—Scavenging, 1864; Nuisances, 1864; Common lodging-houses, none; New streets and buildings, 1864; Slaughter-houses, 1864; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—James Wild, L.R.C.P. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—An active officer.

Inspector of Nuisances.—William Garraway. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Inefficient.

Repression of Nuisances.—Neglected.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

Final Conference with Sanitary Authority held by Dr. Wilson on October 5th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) House drainage.
(5.) Action in regard to nuisances.
(6.) Byelaws.
(7.) Dairies, cowsheds, and milkshops.

TOWYN URBAN DISTRICT.

(MERIONETHSHIRE.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—July 19th–20th, 1893. *Area.*—22,932 acres. *Population.*—(1891) 3,257. *Inhabited Houses.*—(1891) 792. *Rateable Value.*—(1893) 16,422*l.* *Industries.*—Seaside resort; slate quarrying and slate enamelling; agriculture.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Good on the whole; some crowding of houses upon area, space in rear frequently very small; occasional overcrowding of persons.

Water Supply.—Public supplies both to Towyn and Aberdovey; at Towyn water obtained from mountain stream, unfiltered, supply constant and of good quality; at Aberdovey, water obtained from springs, unfiltered, supply stated to be inadequate in times of drought, quality apparently good. Water supply of Bryncrug from stream which dries up in dry weather.

Sewerage and Drainage.—Towyn sewered throughout, outfall in sea; automatic flushing arrangements; ventilation by shafts carried up houses. Aberdovey partially sewered; arrangements defective, not ventilated, flushing not systematic. House drainage of Towyn apparently satisfactory; of Aberdovey very defective.

Excrement Disposal and Removal.—In the towns of Towyn and Aberdovey waterclosets form chief method of excrement disposal, many hand-flushed. In outlying parts of towns and villages pit privies usual method; emptying of privies imposed upon occupiers of houses.

Refuse Removal.—House refuse is collected twice weekly in Towyn and Aberdovey, less frequently in outlying districts.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	?	Fair.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	?	—
Slaughter-houses -	6	—	Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Has done good work.

Date of Approval of Byelaws as to:—Scavenging, 1885; Nuisances, 1885; Common lodging-houses, 1885; New streets and buildings, 1885; Slaughter-houses, 1885; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act. 1889; adopted 1890 (measles added).

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1892.

(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1892.

(*d.*) Housing of the Working Classes Act, 1890; one house closed.

Medical Officer of Health.—H. S. Varley Grosholz, M.R.C.P., L.S.A. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Very efficient.

Inspector of Nuisances.—Edward Williams. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fair, except as regards "recurrent" nuisances.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on September 26th, 1893, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Sewerage.
(4.) Courts and insanitary houses.
(5.) Byelaws.
(6.) Scavenging.
(7.) Nuisances.
(8.) Dairies, cowsheds, and milkshops.

TRURO CITY AND BOROUGH.

(Cornwall.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—January 11th–14th, 1894. *Area.*—1,127 acres. *Population.*—(1891) 11,131. *Inhabited Houses.*—(1891) 2,509. *Rateable Value.*—(1893) 29,282*l.* *Industries.*—Agricultural centre; tanning, tin smelting, bacon curing, soap making, jam making, and biscuit making.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many dwellings old and defective, some unfit for habitation; much crowding of houses upon area in courts; some overcrowding of persons.

Water Supply.—About one third of houses supplied from works of the Truro Water Company; water obtained from a stream about two miles from City, filtered through sand and gravel; supply constant, but of somewhat doubtful quality. Remaining two thirds supplied from public and private wells, many of which are so situate as to be liable to dangerous contamination.

Sewerage and Drainage.—Sewered throughout; sewage discharged untreated into River Allen, below City; ventilation very defective; arrangements made for flushing house drainage unsatisfactory.

Excrement Disposal and Removal.—Hand-flushed waterclosets are chief means of excrement disposal, many in foul condition; many closets discharge direct into River Kenwyn. Some privy pits and box privies in use; privies scavenged by Authority's staff.

Refuse Removal.—House refuse removed by City scavengers.

Registered Buildings and Trades:—

Common lodging-houses	4	Overcrowded.	Dairies - - -	31	Moderate.
			Cowsheds - -		
Houses let in lodgings -	1	Fair.	Milkshops - -		
			Bakehouses - -	?	Moderate.
Slaughter-houses -	7	Moderate.	Offensive trades -	3	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improving.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1869; Common lodging-houses, 1875; New streets and buildings, 1875; Slaughter-houses, 1875; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1892.
(*d.*) Housing of the Working Classes Act, 1890; Committee appointed to inquire.

Medical Officer of Health.—Edward Sharp, M.R.C.S., L.S.A. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—William Clemens. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Energetic and painstaking.

Repression of Nuisances.—Fair, except as regards "recurrent" nuisances.

Isolation Hospital.—The workhouse of St. Mary's Parish fitted up as isolation hospital; accommodation for one disease only; arrangements defective.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Bills giving precautions against cholera posted throughout City; house refuse more frequently removed and drains flushed.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on February 17th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Isolation provision.
(3.) Excrement disposal.
(4.) Condition of dwellings.
(5.) Paving of yards.
(6.) Nuisances.
(7.) Slaughter-houses.
(8.) Common lodging-houses.
(9.) Dairies, cowsheds, and milkshops.

TUNSTALL URBAN DISTRICT.

(Staffordshire.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—May 1st–3rd, 1894. *Area.*—831 acres. *Population.*—(1891) 15,730. *Inhabited Houses.*—(1891) 2,884. *Rateable Value.*—(1893) 43,063*l.* *Industries.*—Collieries, pottery manufacture, ironworks.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Satisfactory on the whole; little crowding of houses upon area; occasional overcrowding of persons.

Water Supply.—Public supply from the works of the Staffordshire Potteries Water Company; intermittent; supply stated to be of good quality.

Sewerage and Drainage.—Sewered throughout; sewage discharged into Foul Hay Brook after treatment with milk of lime; effluent not satisfactory; sewers well ventilated; arrangements for flushing defective. House drainage fairly satisfactory.

Excrement Disposal and Removal.—Chiefly by cesspit privies of large size; privies gradually being abolished and slop closets or water-closets substituted. Cesspits emptied by contractors under Sanitary Authority, and work apparently well done.

Refuse Removal.—House refuse removed by contractors.

Registered Buildings and Trades:—

Common lodging-houses	3	Fair.	Dairies - - -	35	Moderate.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	?	Fair.
Slaughter-houses -	14	Fair.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fairly efficient.

Date of Approval of Byelaws as to:—Scavenging, 1862; Nuisances, 1862; Common lodging-houses, 1862; New streets and buildings, 1862; Slaughter-houses, 1862; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1887.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—William Partington, M.B., C.M. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Not entirely satisfactory.

Inspector of Nuisances.—Samuel Moss, Cert. San. Inst. *Salary.*—55*l.* (with repayment). *Performance of Duties.*—Efficient.

Repression of Nuisances.—Efficient, except as regards "recurrent" nuisances.

Isolation Hospital.—Provided in combination with Burslem Urban and Wolstanton and Burslem Rural; 18 beds.

Disinfecting Apparatus.—Hot-air disinfecting apparatus at Joint Hospital.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on June 7th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Sewerage and drainage.
(2.) Privy and ashpit construction.
(3.) Excrement and refuse removal.
(4.) State of dwellings.
(5.) Roadways.
(6.) Byelaws.
(7.) Disinfecting apparatus.

TYNEMOUTH BOROUGH.

(Northumberland.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—June 8th, 1894. *Area.*—4,317 acres. *Population.*—(1891) 46,588. *Inhabited Houses.*—(1891) 6,390. *Rateable Value.*—(1894) 150,534*l.* *Industries.*—Seafaring, shopkeeping, fishing, lodging-house keeping, coal mining, and fish curing.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Very unsatisfactory, many dilapidated and filthy tenemented houses and many one-roomed dilapidated cottages; considerable crowding of houses upon area; many courts and squares where houses unfit for habitation; considerable overcrowding of persons.

Water Supply.—Public supply from the North Shields Water Company. The sources of supply are three: (1) Newcastle and Gateshead Water Company furnish three quarters of total supply; (2) Billy Mill Well, a shaft in Coal Measures; and (3) an old quarry in Magnesian Limestone; sources (2) and (3) liable to contamination from privy manure; water filtered through sand and gravel; intermittent; quality of water from sources (2) and (3) very unsatisfactory.

Sewerage and Drainage.—Sewered throughout; sewage discharged either into sea or tidal estuary of the River Tyne; ventilation by open gratings in streets; flushing effected with sea water. House drainage, as a rule, satisfactory; wastes properly disconnected.

Excrement Disposal and Removal.—Chiefly by pail privies or midden privies of bad type; many houses without any privy accommodation whatever, and many courts and alleys covered with excrement. Waterclosets in better-class houses. Pail privies emptied every two days, and midden privies every six weeks, as a rule.

Refuse Removal.—House refuse, &c. disposed of in midden or pail privies, or in boxes, and removed by Sanitary Authority's staff.

Registered Buildings and Trades:—

Common lodging-houses	6	Extremely unsatisfactory.	Dairies - - -	170	Various, many bad.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops -		
			Bakehouses - -	8	Good.
Slaughter-houses -	In shops, very unsatisfactory.		Offensive trades -	2	Very bad.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Only moderately efficient.

Date of Approval of Byelaws as to:—Scavenging, 1853; Nuisances, none; Common lodging-houses, 1853; New streets and buildings, 1867; Slaughter-houses, 1853; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1889.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Parts II. and III. adopted 1890.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—J. Edward Gofton, L.R.C.P., M.R.C.S. *Salary.*—150*l.* (with repayment). *Performance of Duties.*—Active and energetic.

Inspector of Nuisances.—John MacQueen. *Salary.*—160*l.* (with repayment). *Performance of Duties.*—Active and energetic.

Repression of Nuisances.—Moderately efficient.

Isolation Hospital.—Temporary hospital with 11 beds provided 1889–90.

Disinfecting Apparatus.—Goddard and Massey's dry-air apparatus at hospital.

Special Preparation for Cholera.—In 1893 greater attention paid to cleansing of courts, alleys, and yards, and to scavenging; lime-washing of dirty houses and courts carried out in riverside districts.

C.—Final Conference and Recomendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on August 16th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Excrement disposal.
(3.) Condition of dwellings.
(4.) Common lodging-houses.
(5.) Dairies and cowsheds.
(6.) Byelaws.

WALKER URBAN DISTRICT.

(Northumberland.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—September 15th–16th, 1894. *Area.*—1,157 acres. *Population.*—(1891) 11,341. *Inhabited Houses.*—(1891) 937. *Rateable Value.*—(1894) 33,000*l.* *Industries.*—Shipbuilding, engineering, electrical engineering, iron and brass founding, and coal mining.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many tenemented dwellings, some of one room only; considerable overcrowding of persons in houses.

Water Supply.—Public supply from works of the Newcastle and Gateshead Water Company; filtered through sand and gravel; supply constant.

Sewerage and Drainage.—Sewered throughout; sewage discharged in tidal portion of River Tyne; ventilation by roadway grids; flushing effected by water carts. House drainage as a rule satisfactory; some houses not drained.

Excrement Disposal and Removal.—Privy middens and ash-closets usual methods of excrement disposal; many of middens of bad type. Scavenging by Authority's staff; ash-closets emptied once a week, middens at longer intervals.

Refuse Removal.—House refuse, when not disposed of in middens, removed by scavengers at regular intervals.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	14	Unsatisfactory; supervision much required.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
Slaughter-houses -	8	Fair.	Bakehouses - -	None.	—
			Offensive trades -	2	Good.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Not very active.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1881; Common lodging-houses, 1881; New streets and buildings, 1881; Slaughter-houses, 1881; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1887.

Voluntary Adoption of Acts:—

(*a.*) Infectious Diseases (Notification) Act, 1889; adopted 1889.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; action taken in several cases.

Medical Officer of Health.—Hugh Frazer Hurst, L.R.C.P., L.R.C.S. *Salary.*—70*l.* (with repayment). *Performance of Duties.*—Very efficient.

Inspector of Nuisances.—Thomas William Laycock. *Salary.*—70*l.* (with repayment). *Performance of Duties.*—Efficient and energetic, but not sufficiently supported by Authority.

Repression of Nuisances.—Efficient, except as regards "recurrent" nuisances.

Isolation Hospital.—Arrangement with Newcastle Corporation whereby cases admitted into isolation hospital of that Authority.

Disinfecting Apparatus.—Have use of steam disinfecting apparatus at Newcastle Hospital.

Special Preparation for Cholera.—Handbills issued giving precautions against cholera; extra scavenging and special survey of district carried out by sanitary officers.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on October 30th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement disposal.
(2.) Condition of dwellings.

WALLSEND URBAN DISTRICT.

(NORTHUMBERLAND.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—September 17th–18th, 1894. *Area.*—1,096 acres. *Population.*—(1891) 11,257. *Inhabited Houses.*—(1891) 1,351. *Rateable Value.*—(1894) 36,968*l.* *Industries.*—Ship-building, engineering, copper and lead smelting, coal mining, cement making.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Good condition on the whole, some back-to-back houses; not much crowding of houses upon area; considerable overcrowding of persons in houses.

Water Supply.—Public supply from the works of the Newcastle and Gateshead Water Company; filtered through sand and gravel; supply constant and apparently good quality.

Sewerage and Drainage.—Sewered throughout; sewage discharged either into tidal portion of River Tyne or into Willington Gut; ventilated by surface gratings; flushing by water cart. House drainage: houses generally provided with gully traps in yards.

Excrement Disposal and Removal.—"Box closets" almost universal; scavenging effected by contractors acting under Authority; work apparently well done.

Refuse Removal.—House refuse also removed by contractor at regular (weekly) intervals.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	12	Fair.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	1	Good.
Slaughter-houses -	?	Some shops used.	Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Efficient.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1867; Common lodging-houses, none; New streets and buildings, 1867; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1889.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; many houses closed.

Medical Officer of Health.—Thomas Wilson, M.R.C.S., L.R.C.P. *Salary.*—60*l.* (with repayment). *Performance of Duties.*—Very good.

Inspector of Nuisances.—George Flint. *Salary.*—80*l.* (with repayment). *Performance of Duties.*—Fairly efficient.

Repression of Nuisances.—Fairly efficient.

Isolation Hospital.—Provided in combination with Willington Quay and Howden Urban, 18 beds; arrangements excellent.

Disinfecting Apparatus.—Goddard and Massey's super-heated steam apparatus at hospital.

Special Preparation for Cholera.—Handbills giving precautions against cholera circulated; extra scavenging and extra drain flushing carried out.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

Final Conference with Sanitary Authority held by Dr. Fletcher on November 2nd, 1894, when formal recommendations were made as regards the following matters:—

(1.) Sewerage.
(2.) Excrement disposal.
(3.) Condition of dwellings.
(4.) Byelaws.

WALSALL COUNTY BOROUGH.

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—August 15th–17th, 1894. *Area.*—7,480 acres. *Population.*—(1891) 71,789. *Inhabited Houses.*—(1891) 13,424. *Rateable Value.*—(1894) 192,848*l.* *Industries.*—Iron working, saddlery making, tanning, coal mining.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many old dilapidated dwellings in older parts of Borough; some crowding of houses on area in older parts, but many improvements during recent years; not much overcrowding of persons.

Water Supply.—Public supply from works of South Staffordshire Water Company. A few wells still in use.

Sewerage and Drainage.—With exception of Wolverhampton Street and one or two others, district sewered throughout; sewage treated on sewage farm of 145 acres; ventilation by surface gratings; flushing by tanks and water carts. House drains frequently disconnected in a slovenly manner, causing soakage into foundations.

Excrement Disposal and Removal.—Chiefly by waterclosets, many hand-flushed; about 25 per cent. of houses provided with vault or midden privies, which are gradually being replaced by waterclosets. Nightsoil removed by Authority's staff.

Refuse Removal.—House refuse removed by scavengers periodically.

Registered Buildings and Trades:—

Common lodging-houses	22	Clean and well kept.	Dairies - - -	50	Fair.
Houses let in lodgings -	None registered.		Cowsheds - -		
Slaughter-houses -	55	Variable, some unsatisfactory.	Milkshops - -		
			Bakehouses - -	89	Clean and well kept.
			Offensive trades -	50	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Much good work done.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1877; Common lodging-houses, 1877; New streets and buildings, 1877; Slaughter-houses, 1877; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1883.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.

(*b.*) Infectious Diseases (Prevention) Act, 1890; incorporated in Walsall Corporation Act, 1890.

(*c.*) Public Health Acts Amendment Act, 1890; incorporated in Walsall Corporation Act, 1890.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—James Scott Wilson, M.D., C.M., D.P.H. *Salary.*—100*l.* (without repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—George Warlow Harries. *Salary.*—110*l.* (without repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fair, except as regards recurring nuisances.

Isolation Hospital.—A dilapidated and unsuitable building used for isolation of small-pox, quite unfit for purpose.

Disinfecting Apparatus.—Hot-air disinfecting apparatus at "hospital."

Special Preparation for Cholera.—Posters issued giving precautions against cholera, &c. Extra men employed in flushing sewers, &c.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on September 28th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation hospital provision.
(2.) Sewerage and house drainage.
(3.) Privy construction.
(4.) Condition of dwellings.
(5.) Byelaws.

WALSOKEN URBAN DISTRICT.

(Norfolk.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—October 17th, 1894. *Area.*—4,867 acres. *Population.*—(1891) 2,771. *Inhabited Houses.*—(1891) 679. *Rateable Value.*—(1894) 12,616*l.* *Industries.*—Agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Some cottages, both in New and Old Walsoken, damp and dilpidated, and unfit for habitation; houses arranged in narrow streets; paving of yards very defective; occasional overcrowding of persons.

Water Supply.—Public supply from works of Wisbech Water Company, water obtained from springs at Marham; no filtration; supply ample and apparently of good quality. Some houses obtain supply from underground water cisterns.

Sewerage and Drainage.—New Walsoken sewered throughout; sewage discharged into Wisbech main sewer; ventilation by manhole grids; flushing by hose or tank cart; Old Walsoken unsewered. House drainage in New Walsoken by pipes, unventilated, and not properly trapped. At Old Wolsoken slops, &c. thrown on gardens or roadside.

Excrement Disposal and Removal.—At New Walsoken waterclosets, mostly hand-flushed, are provided. At Old Walsoken uncemented vault privies, some abutting against dwellings and others so situate that contents have to be carried through houses. Vaults emptied once or twice a year.

Refuse Removal.—House refuse at New Walsoken stored in pails and tubs, and removed by contractors twice a week. At Old Walsoken refuse stored in heaps anywhere.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	6	Moderate.
Houses let in lodgings -	None registered.		Cowsheds - -		
Slaughter-houses -	4	Not clean.	Milkshops - -		
			Bakehouses - -	6	Clean and airy.
			Offensive trades -	1	Bad.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very unwilling to increase the rates.

Date of Approval of Byelaws as to:—Scavenging, 1853; Nuisances, none; Common lodging-houses, 1853; New streets and buildings, 1873; Slaughter-houses, 1853; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Harry Groom, M.D., M.R.C.S. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Inactive.

Inspector of Nuisances.—James Kerridge. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Efficient.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—Arrangement with Wisbech Urban and Rural, whereby cases of infectious disease may be sent to Joint Temporary Hospital.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on December 5th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Excrement and refuse disposal.
(2.) Sewerage and house drainage.
(3.) Dairies and cowsheds.
(4.) Byelaws.

WALTON-ON-THE-NAZE URBAN DISTRICT.

(Essex.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—August 1st, 1893. *Area.*—2,141 acres. *Population.*—(1891) 1,586. *Inhabited Houses.*—(1891) 360. *Rateable Value.*—(1893) 6,008*l.* *Industries.*—Seaside resort.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair condition on the whole; some old wooden houses unfit for habitation; little crowding of houses upon area; overcrowding of persons in houses considerable during summer months.

Water Supply.—Two public supplies, one fairly pure (obtained from works of Tendring Water Company) and the other brackish (formerly Walton Water Company), passing through same pipes; arrangements very unsatisfactory; no filtration.

Sewerage and Drainage.—Main portion of town sewered; sewage discharged into tidal estuary; ventilation extremely defective; flushing effected by water cart; East Terrace and Hullham unsewered. House drainage fairly satisfactory, drains disconnected from sewers.

Excrement Disposal and Removal.—Waterclosets in majority of instances, a few pail closets and earth closets in outskirts.

Refuse Removal.—House refuse removed by scavengers thrice weekly; work apparently well carried out.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	None in town.	
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	2	Fair.
Slaughter-houses -	1	Filthy and unsuitable.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Unsatisfactory.

Date of Approval of Byelaws as to:—Scavenging, 1884; Nuisances, 1884; Common lodging-houses, none; New streets and buildings, 1884; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Arthur Somers Ivers, L.R.C.P., M.R.C.S. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Apparently does but little work in district.

Inspector of Nuisances.—Edward Foster Harvey. *Salary.*—30*l.* (with repayment). *Performance of Duties.*—No books kept.

Repression of Nuisances.—Not satisfactory.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on January 16th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) House-to-house inspection.
(3.) Water supply.
(4.) Sewerage.
(5.) House drainage.
(6.) Courts and insanitary houses.
(7.) Nuisances.
(8.) Scavenging.
(9.) Byelaws.
(10.) Keeping of animals.

WARBLINGTON URBAN DISTRICT.

(Hampshire.)

Inspector.—Dr. Theodore Thomson. *Date of Inspection.*—September 22nd, 1894. *Area.*—2,670 acres. *Population.*—(1891) 2,840. *Inhabited Houses.*—(1891) 622. *Rateable Value.*—(1895) 9,627*l.*

A.—Sanitary Circumstances.

Dwellings of the Poor.—Very many are dilapidated and damp, whilst others are imperfectly lighted and ventilated; fair amount of open space around houses; some unpaved yards; no appreciable overcrowding of persons.

Water Supply.—Chiefly from the Portsmouth public water supply, which is derived from Chalk springs in the Havant Rural District. A few houses still supplied from local wells.

Sewerage and Drainage.—Parts of Emsworth are not sewered, and in these neighbourhoods waste and slop waters drain into cesspools, which overflow into ditches or into arms of the Creek in which Emsworth is situate. Where sewers exist they are not infrequently old brick barrel drains either unventilated or insufficiently ventilated and devoid of means of flushing; all sewage discharged untreated into Creek. House drainage very unsatisfactory.

Excrement Disposal and Removal.—At Emsworth chiefly by cesspit privies, mostly having receptacles of large size, with bottom two or more feet below ground level, and which are source of nuisance. They are irregularly cleansed. At Denville, where houses are mostly of villa class, by waterclosets, many of which are of long hopper type and hand-flushed.

Refuse Removal.—House refuse stored in fixed receptacles—pails, boxes, or allowed to accumulate in heaps in yards. Refuse removal at very irregular intervals.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	8	Only one registered, and no regulations.
Houses let in lodgings -	None registered.		Cowsheds - -		
Slaughter-houses -	4	No byelaws.	Milkshops - -	1	Fair.
			Bakehouses - -	5	Fair.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Newly-formed district; formerly administered by the Havant Rural Sanitary Authority in very lax fashion.

Date of Approval of Byelaws as to :—Scavenging, none ; Nuisances, none ; Common lodging-houses, none ; New streets and buildings, none ; Slaughter-houses, none ; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889 ; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890 ; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890 ; not adopted.
(*d.*) Housing of the Working Classes Act, 1890 ; no action taken.
Medical Officer of Health.—Lockhart E. W. Stephens, M.R.C.S., L.S.A. *Salary.*—15*l.* (without repayment). *Performance of Duties.*—New appointment.
Inspector of Nuisances.—William Mant. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—New appointment.
Repression of Nuisances.—Nuisances abound ; hitherto very unsatisfactorily dealt with.
Isolation Hospital.—Provided in combination with Havant Urban and Rural Districts ; 16 beds. Arrangements satisfactory.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Thomson on May 6th, 1895, when formal recommendations were made as regards the following matters :—
(1.) Sewerage and drainage.
(2.) Refuse and excrement disposal.
(3.) Courts and insanitary houses.
(4.) Nuisances.
(5.) Disinfection.
(6.) Registration of cowsheds and dairies.
(7.) Byelaws.

WARRINGTON BOROUGH.

(Lancashire.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—November 14th, 1894. *Area.*—1,975 acres. *Population.*—(1891) 52,743. *Inhabited Houses.*—(1891) 9,630. *Rateable Value.*—(1894) 174,000*l.* *Industries.*—Iron works, tanneries, fustian cutting, cotton spinning, and chemical works.

A.—Sanitary Circumstances.

Dwellings of the Poor.—As a rule moderately good, but some damp, dilapidated, and dirty ; some back-to-back houses ; a few narrow courts and some streets are cul-de-sacs ; no noticeable overcrowding of persons.
Water Supply.—Obtained from the Corporation Waterworks, the water being derived from a well, 150 feet deep, sunk in the Old Red Sandstone ; no filtration ; supply constant, ample in quantity, and apparently of good quality.
Sewerage and Drainage.—Sewered throughout ; sewage discharged by several outfalls into tidal channel of River Mersey ; ventilation by roadway grids, flushing by movable tanks on wheels. House drainage fair ; soil pipes ventilated ; wastes disconnected.
Excrement Disposal and Removal.—It is estimated that there are 10,000 pail closets, 400 waterclosets ; and about 12 midden privies in Borough. Pails emptied weekly or bi-weekly by Sanitary Authority's staff.
Refuse Removal.—House refuse collected in tubs, and emptied at weekly or bi-weekly intervals.

Registered Buildings and Trades :—

Common lodging houses	33	Satisfactory.	Dairies - - -	20	Moderate.
Houses let in lodgings -	114	Satisfactory.	Cowsheds - -		
Slaughter-houses -	27	Fairly good.	Milkshops - -	75	Satisfactory.
			Bakehouses - -	78	Satisfactory.
			Offensive trades -	None registered.	

B.—Sanitary Administration.

Administration by Sanitary Authority.—Satisfactory on the whole.

Date of Approval of Byelaws as to :—Scavenging, 1885; Nuisances, 1885; Common lodging-houses, 1885; New streets and buildings, 1877; Slaughter-houses, 1885; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1879.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; under local Act in 1879.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1890.

(*c.*) Public Health Acts Amendment Act, 1890; adopted 1890.

(*d.*) Houses of the Working Classes Act, 1890; one area scheduled by Medical Officer of Health in 1892, not yet dealt with.

Medical Officer of Health.—John Hankinson Gornall, M.R.C.S., L.S.A. *Salary.*—150*l.* (without repayment). *Performance of Duties.*—Good.

Inspector of Nuisances.—Ralph Norman. *Salary.*—176*l.* (without repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fair.

Isolation Hospital. — Provided in 1877; 40 beds; arrangements satisfactory.

Disinfecting Apparatus.—Washington Lyons' steam disinfector erected in 1892.

Special Preparation for Cholera.—Handbills distributed and placards posted in 1892 and 1893; special flushing of sewers and cleansing of yards carried out during summer months of 1892 and 1893.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on December 7th, 1894, when formal recommendations were made as regards the following matters :—

(1.) Sewerage and drainage.

(2.) Condition of dwellings.

(3.) Byelaws.

(4.) Dairies, cowsheds, and milkshops.

WEDNESBURY BOROUGH.

(Staffordshire.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—September 5th–7th, 1894. *Area.*—2,237 acres. *Population.*—(1891) 25,347. *Inhabited Houses.*—(1891) 4,909. *Rateable Value.*—(1894) 85,000*l.* *Industries.*—Tube making, railway waggon wheels and axles, coal mining, chemical manufacture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Majority in fairly good repair; many dirty and ill-kept; yards frequently badly paved; little crowding of dwellings upon area; occasional overcrowding of persons in houses.

Water Supply.—Mainly from works of the South Staffordshire Water Company. About 300 houses still derive their water supply from local wells.

Sewerage and Drainage.—With slight exception sewered throughout; sewage discharged into tank at sewage works and treated with alumino ferric and lime and afterwards filtered, the effluent passing into a tributary of the Tame. Ventilation effected by roadway grids and by ventilation shafts; flushing by automatic flushing tanks. House drainage—many houses still unconnected with sewers, drainage passing along open channels.

Excrement Disposal and Removal.—Generally by means of midden privies, many of bad type; some 400 waterclosets, majority of which are waste-waterclosets; nightsoil removed by contractors, but work inefficiently performed.

Refuse Removal.—House refuse removed with nightsoil by contractor; scavenging unsystematic and unsatisfactory.

Registered Buildings and Trades:—

Common lodging-houses	3	Fair.	Dairies - - -	111	Various, some good, others very bad.
Houses let in lodgings -	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	14	Fair.
Slaughter-houses -	20	Good.	Offensive trades -	None registered.	

B.—Sanitary Administration.

Administration by Sanitary Authority.—Much good work done, but much still to be done.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1887; Common lodging-houses, 1887; New streets and buildings, 1887; Slaughter-houses, 1887; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Walter Garman, M.D., C.M. *Salary.*—84*l.* (without repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—William Henry Coney, Cert. San. Inst. *Salary.*—90*l.* (without repayment). *Performance of Duties.*—Good.

Repression of Nuisances.—Fair, except as regards recurrent nuisances.

Isolation Hospital.—Temporary accommodation for small-pox only provided; arrangements very unsatisfactory.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on October 24th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Water supply.
(3.) Sewerage and house drainage.
(4.) Excrement disposal.
(5.) Condition of dwellings.
(6.) Dairies, cowsheds, and milkshops.

WHICKHAM URBAN DISTRICT.

(DURHAM.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—July 7th–10th, 1893. *Area.* — 5,961 acres. *Population.* — (1891) 9,174. *Inhabited Houses.*—(1891) 1,679. *Rateable Value.*—(1893) 36,661*l.* *Industries.*—Coal mining, agriculture, steel working, paper making, and flour milling.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Older cottages in unsatisfactory condition, many damp, with unpaved and uneven yards, roofs frequently leaky; some crowding of dwellings upon area; considerable overcrowding of persons in pit villages.

Water Supply.—At Whickham, Dunston, and Swallwell, water obtained from works of Newcastle and Gateshead Water Company; at Marley Hill, from works of Consett Water Company.

Sewerage and Drainage.—No general system of sewerage; each group of houses has a sewer which discharges into nearest watercourse; ventilation of sewers defective. House drainage very faulty; many untrapped gullies; many houses drained by open channels.

Excrement Disposal and Removal.—Privy middens, frequently of bad type, universal. Scavenging effected by contractors, and work systematically carried out; each midden emptied at fortnightly or monthly intervals.

Refuse Removal.—House refuse disposed of in middens and removed by scavengers.

Registered Buildings and Trades :—

Common lodging-houses	None.	—	Dairies - -	?	Older cowsheds very bad; modern cowsheds good.
Houses let in lodgings	None registered.		Cowsheds - -		
			Milkshops -		
Slaughter-houses - -	5	Good.	Bakehouses -	1	Fair.
			Offensive trades	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Active during recent years.

Date of Approval of Byelaws as to :—Scavenging, 1876; Nuisances, 1876; Common lodging-houses, none; New streets and buildings, 1876; Slaughter-houses, 1876; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health. — Arthur William Attwater, L.R.C.P., M.R.C.S. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—John Dinsdale. *Salary.*—61*l.* (with repayment). *Performance of Duties.*—Efficient.

Repression of Nuisances.—Promptly dealt with, except as regards recurrent nuisances arising from defective privy construction.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Handbills giving precautions against cholera distributed in 1892.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

Final Conference with Sanitary Authority held by Dr. Wilson on August 1st, 1893, when formal recommendations were made as regards the following matters :—

(1.) Disposal of excrement and refuse.
(2.) House drainage.
(3.) Houses unfit for habitation.

WHITLEY AND MONKSEATON URBAN DISTRICT.

(NORTHUMBERLAND.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—October 4th, 1894. *Area.*—1,650 acres. *Population.*—(1891) 3,008. *Inhabited Houses.*—(1891) 588. *Rateable Value.*—(1894) 17,267*l.* *Industries.*—Whitley: seaside resort. Monkseaton: agriculture.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Good as a rule; no crowding of dwellings upon area; overcrowding of persons in houses during summer months.

Water Supply.—From works of Tynemouth Water Company; recently four-fifths of supply obtained from Newcastle and Gateshead Water Company; supply intermittent in summer.

Sewerage and Drainage.—Sewered throughout, sewage discharged into sea at low-water mark; ventilation by street gratings; flushing by automatic flushing tanks and by water carts. House drainage satisfactory; waste pipes disconnected.

Excrement Disposal and Removal.—Excrement chiefly disposed of in movable tubs or else by waterclosets. Tubs emptied thrice a week by contractor.

Refuse Removal.—House refuse deposited in tubs and removed with nightsoil. Work well done.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Dairies - - -	17	Moderate.
Houses let in lodgings	None registered.		Cowsheds - - -		
			Milkshops - -		
			Bakehouses - -	6	Fair.
Slaughter-houses -	2	Fair.	Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Good as regards Whitley; but Monkseaton apparently somewhat neglected.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, 1888; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Peter Alexander, L.R.C.P., L.R.C.S. *Salary.*—20*l.* (with repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances.—William Pattison. *Salary.*—70*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fair.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Increased activity in scavenging and drain flushing. Handbills giving precautions against cholera distributed throughout district.

C.—FINAL CONFERENCE AND RECOMMENDATIONS.

Final Conference with Sanitary Authority held by Dr. Fletcher on November 2nd, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Dairies, cowsheds, and milkshops.
(3.) Byelaws.

WIDNES BOROUGH.

(Lancashire.)

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—November 29th, 1894. *Area.*—3,339 acres. *Population.*—(1891) 30,011. *Inhabited Houses.*—(1891) 5,121. *Rateable Value.*—(1893) 152,592*l.* *Industries.*—Alkali works, copper and iron works.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Moderately good on the whole, some dilapidated and damp houses; no crowding of dwellings upon area; occasional overcrowding of persons in houses.

Water Supply.—Public supply obtained from wells at Netherley, Stockswell, and Woolton; no filtration; supply constant, ample in quantity and apparently of good quality.

Sewerage and Drainage.—Sewered throughout; sewage discharged into tidal portion of Mersey; ventilation by vertical shafts; flushing by automatic flushing tanks and by movable tank on wheels. House drainage well carried out, soil pipes ventilated, wastes disconnected.

Excrement Disposal and Removal.—Mainly by midden privies of bad type, which are emptied about five times yearly by Sanitary Authority's staff. There are about 250 waterclosets in the Borough.

Refuse Removal.—House refuse stored in middens and removed with nightsoil.

Registered Buildings and Trades:—

Common lodging-houses	8	Good.	Cowsheds - -	25	Fair.
Houses let in lodgings	None registered.		Milkshops - -	70	Fair.
Slaughter-houses -	8	Fair.	Bakehouses - -	18	Fair.
Dairies - - -	19	Fair.	Offensive trades -	None registered.	

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improving.

Date of Approval of Byelaws as to:—Scavenging, 1887; Nuisances, 1887; Common lodging-houses, 1887; New streets and buildings, 1887; Slaughter-houses, 1887; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1894.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Parts II., III., IV., and V. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; several rows of houses closed recently.

Medical Officer of Health.—Vacant at date of inspection. *Salary.*—120*l.* (without repayment). *Performance of Duties.*—

Inspector of Nuisances.—Walter Lowe, Assoc. San. Inst. *Salary.*—125*l.* (with repayment). *Performance of Duties.*—Industrious and intelligent.

Repression of Nuisances.—Fair.

Isolation Hospital.—Provided in 1887, 24 beds; arrangements satisfactory.

Disinfecting Apparatus.—None at date of inspection.

Special Preparation for Cholera.—In 1892 and 1893, special attention was directed to the cleansing and disinfection of middens and privies. Handbills giving precautions against cholera distributed throughout district.

C.—Final Conference and Recommendations.

No Final Conference with this Sanitary Authority was held, but a special report by Dr. Bruce Low, on the sanitary state of the Borough was forwarded to the Town Council on April 4th, 1895.

WIGAN COUNTY BOROUGH.

Inspector.—Dr. R. Bruce Low. *Date of Inspection.*—February 14th, 1894. *Area.*—2,188 acres. *Population.*—(1891) 55,013. *Inhabited Houses.*—(1891) 9,980. *Rateable Value.*—(1893) 173,620*l.* *Industries.*—Coal mines, cotton factories, iron works.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Considerable amount of insanitary property in Borough, with regard to which Sanitary Authority are taking action; some crowding of houses upon area in poorer parts; considerable overcrowding of persons in houses.

Water Supply.—Public supply obtained from moorland and cultivated land at Hassock Hill; filtered through sand and gravel; supply constant and ample in quantity; apparently of fair quality.

Sewerage and Drainage.—Sewered throughout on separate system; sewage treated by broad irrigation on a sewage farm of 420 acres; ventilation, by 4-inch vertical shafts and a few roadway grids, insufficient. House drainage satisfactory on the whole.

Excrement Disposal and Removal.—By about 8,500 pail closets, 1,200 waterclosets, and some 70 midden privies yet unconverted. The pails are removed once a week, and after being emptied are washed with water.

Refuse Removal.—Ashes and house refuse are placed in tubs, which are emptied weekly by Sanitary Authority's staff.

Registered Buildings and Trades:—

Common lodging-houses	26	Fair.	Dairies - - -	59	Fairly good.
			Cowsheds - -		
Houses let in lodgings	None registered.		Milkshops - -		
			Bakehouses - -	117	Satisfactory
Slaughter-houses -	26	Well managed.	Offensive trades -	5	Satisfactory.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Good during recent years.

*Date of Approval of Byelaws as to:—*Scavenging, none; Nuisances, 1888; Common lodging-houses, 1891; New streets and buildings, 1883; Slaughter-houses, 1891; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; under local Act in 1889.

(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.

(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; two areas being dealt with, one displacing 500 and the other 400 persons.

Medical Officer of Health.—William Croudson Barnish, M.R.C.S., L.S.A. *Salary.*—100*l.* (without repayment). *Performance of Duties.*—Good.

Inspector of Nuisances.—John Sumner, Cert. San. Inst. *Salary.*—140*l.* (without repayment). *Performance of Duties.*—Good.

Repression of Nuisances.—Improving.

Isolation Hospital.—Provided in 1889; 60 beds; arrangements satisfactory.

Disinfecting Apparatus.—Steam disinfecting apparatus (Goddard and Massey's).

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Bruce Low on April 3rd, 1894, when formal recommendations were made as regards the following matters:—

(1.) Water supply.
(2.) Sewerage and drainage.
(3.) Condition of dwellings.
(4.) Overcrowding.

WILLENHALL URBAN DISTRICT.

(STAFFORDSHIRE.)

Inspector.—Dr. S. W. Wheaton. *Date of Inspection.*—November 10th, 1893. *Area.*—1,276 acres. *Population.*—(1891) 19,366. *Inhabited Houses.*—(1891) 3,726. *Rateable Value.*—(1893) 31,216*l.* *Industries.*—Lock making and general hardware manufactures.

A.—SANITARY CIRCUMSTANCES.

Dwellings of the Poor.—Many dilapidated houses at Portobello; considerable crowding of dwellings upon area in the central parts of Willenhall and at Portobello; overcrowding of persons in houses to a limited extent.

Water Supply.—Public supply obtained from the works of the Wolverhampton Corporation; supply constant and apparently of good quality; a few wells yet in use in outlying districts.

Sewerage and Drainage.—Sewered throughout; sewage treated by intermittent filtration upon a sewage farm of 33 acres; ventilation effected by surface grids; flushing chambers filled from water carts; very few houses connected with sewers. House drainage extremely defective, only 455 houses connected with sewers; slops thrown into surface channels, or on road side, or into brooks; drainage nuisances abound throughout district.

Excrement Disposal and Removal.—Cesspit privies and midden privies of large size and worst type general throughout district; receptacles emptied by contractor "when full." A few waste-water closets recently constructed. Condition of cesspits and middens extremely bad and a grave source of nuisance.

Refuse Removal.—House refuse and ashes removed by contractor at irregular intervals. At time of inspection there were large accumulations of filth throughout the district.

Registered Buildings and Trades:—

Common lodging-houses	None.	—	Cowsheds - -	4	Bad.
Houses let in lodgings	None registered.		Milkshops - -	3	Fair.
Slaughter-houses -	14	Moderate.	Bakehouses - -	26	Fair.
Dairies - - -	1	Fair.	Offensive trades -	None.	—

B.—SANITARY ADMINISTRATION.

Administration by Sanitary Authority.—Very defective.

Date of Approval of Byelaws as to:—Scavenging, 1856; Nuisances, none; Common lodging-houses, 1855; New streets and buildings, none; Slaughter-houses, 1856; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1893.

(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.

(*c.*) Public Health Acts Amendment Act, 1890; Part III. adopted 1891.

(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—John Thomas Harthill, L.R.C.P., M.R.C.S. *Salary.*—60*l.* (without repayment). *Performance of Duties.*—Efficient, but hampered by apathy of Local Authority.

Inspector of Nuisances.—A. W. Kimberley. *Salary.*—40*l.* (without repayment). *Performance of Duties.*—Fair, but receives little or no support from the Local Authority.

Repression of Nuisances.—Very defective.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wheaton on January 19th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Isolation provision.
(2.) Excrement disposal and refuse removal.
(3.) Sewerage and house drainage.
(4.) Condition of dwellings.
(5.) Action with regard to nuisances.
(6.) Dairies and cowsheds.
(7.) Byelaws.

WILLINGTON URBAN DISTRICT.

(Durham.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—November 1st–2nd, 1893. *Area.*—3,795 acres. *Population.*—(1891) 7,804. *Inhabited Houses.*—(1891) 1,432. *Rateable Value.*—(1893) 23,706*l.* *Industries.*—Coal mining, brickmaking, agriculture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many cottages with very insanitary surroundings; many houses built back to back; apparently no overcrowding of persons.

Water Supply.—Public supply obtained from works of the Wear and Shildon Water Company; supply ample in quantity and of fair quality. A few wells still in use in outlying districts.

Sewerage and Drainage.—No system of sewerage; some lengths of drain constructed from time to time; sewage passed untreated into nearest watercourse; drains unventilated and unprovided with means for flushing. House drainage much neglected; large proportion of gullies untrapped.

Excrement Disposal and Removal.—Privy middens of bad type practically universal; middens emptied by owners or occupiers; very many overflowing middens observed at time of inspection.

Refuse Removal.—House refuse deposited in middens and removed with midden contents.

Registered Buildings and Trades:—

Common lodging-houses	2	Fair.	Dairies - -	13	Moderate.
Houses let in lodgings.	None registered.		Cowsheds - -		
Slaughter-houses -	19	Byelaws as to removal of filth not observed.	Milkshops - -		
			Bakehouses - -	1	Fair.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Very lax.

Date of Approval of Byelaws as to:—Scavenging, 1883; Nuisances, 1883; Common lodging-houses, 1883; New streets and buildings, 1883; Slaughter-houses, 1883; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops—Adopted 1887.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1891.
(*b.*) Infectious Diseases (Prevention) Act, 1890; adopted 1891.
(*c.*) Public Health Acts Amendment Act, 1890; Part IV. adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Robert Emmerson Brown, L.R.C.P., L.R.C.S. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—New appointment.

Inspector of Nuisances.—John Cooke. *Salary.*—75*l.* (with repayment). *Performance of Duties.*—Inactive.
Repression of Nuisances.—Inefficiently dealt with.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on December 28th, 1893, when formal recommendations were made as regards the following matters :—
(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) Sewerage and house drainage.
(5.) Inspection of the district.
(6.) Condition of private streets and yards.

WILLINGTON QUAY URBAN DISTRICT.

(Northumberland.)

Inspector.—Dr. W. W. E. Fletcher. *Date of Inspection.*—September 19th, 1894. *Area.*—293 acres. *Population.*—(1891) 6,383. *Inhabited Houses.*—(1891) 576. *Rateable Value.*—(1894) 19,857*l.* *Industries.*—Shipbuilding, chemical making, lead working, copper working, cement working, rope making, iron working.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Much tenemented property, some quite unfit for habitation; considerable overcrowding of persons in houses.
Water Supply.—Public supply obtained from the works of the Newcastle and Gateshead Water Company; water ample in quantity and apparently of good quality.
Sewerage and Drainage.—Sewered throughout; sewage discharged into tidal water of River Tyne; ventilation by roadway grids; flushing by water cart. House drainage fair on the whole.
Excrement Disposal and Removal.—Chiefly by middens with small fixed receptacles, locally known as "box closets"; nightsoil removed twice a week by Sanitary Authority's staff.
Refuse Removal.—House refuse disposed of in "box closets" and removed with nightsoil. Scavenging apparently well carried out.
Registered Buildings and Trades :—

Common lodging-houses	None.	—	Dairies - -	9	Fair.
Houses let in lodgings	None registered.		Cowsheds - -		
			Milkshops - -		
			Bakehouses - -	None.	—
Slaughter-houses -	7	Moderate.	Offensive trades -	?	Fair.

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improved of late years, but still much to be done.
Date of Approval of Byelaws as to :—Scavenging, none; Nuisances, 1863; Common lodging-houses, 1863; New streets and buildings, 1863; Slaughter-houses, none; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; adopted 1891.
(*d.*) Housing of the Working Classes Act, 1890; action has been taken in a few instances.

Medical Officer of Health.—Charles Theodore Uvo Bapst, L.R.C.P., L.R.C.S. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Fair.

Inspector of Nuisances. — Thomas Davidson. *Salary.* — 60*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fair.

Isolation Hospital. — Provided with Wallsend and Howdon Urban; 18 beds; arrangements satisfactory.

Disinfecting Apparatus. — Goddard and Massey's super-heated steam disinfecting apparatus at hospital.

Special Preparation for Cholera.—Handbills giving precautions against cholera distributed throughout district.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Fletcher on November 1st, 1894, when formal recommendations were made as regards the following matters :—

(1.) Sewerage.
(2.) Excrement disposal.
(3.) Condition of dwellings.
(4.) Dairies, cowsheds, and milkshops.
(5.) Byelaws.

WILSDEN URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—August 3rd, 1894. *Area.*—2,638 acres. *Population.*—(1891) 2,764. *Inhabited Houses.*—(1891) 666. *Rateable Value.*—(1894) 12,171*l.* *Industries.*—Woollen and worsted manufacture.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair as a rule; many back-to-back houses; apparently no overcrowding of persons.

Water Supply.—No public supply; inhabitants dependent upon local springs; water very plentiful in district, except in upper part of Wilsden village; water liable to surface contamination in some instances.

Sewerage and Drainage.—Wilsden village sewered throughout, sewage discharged upon land; ventilation by surface grids; no special arrangements for flushing. House drainage unsatisfactory; wastes sometimes connected directly with drains; privy middens drained into sewers.

Excrement Disposal and Removal.—Privy middens of bad type universal, many built against house walls; most of the middens connected with sewers. Scavenging undertaken by Sanitary Authority on notice being given.

Refuse Removal.—House refuse disposed of in middens and removed with midden contents. Scavenging fairly well carried out.

Registered Buildings and Trades :—

Common lodging-houses	None.	—	Dairies - -	63	Very satisfactory.
			Cowsheds - -		
Houses let in lodgings	None registered.		Milkshops - -	None.	—
			Bakehouses -	None.	—
Slaughter-houses -	3	Fair.	Offensive trades.	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Slow to move.

Date of Approval of Byelaws as to :—Scavenging, none; Nuisances, 1870; Common lodging-houses, none; New streets and buildings, 1870; Slaughter-houses, none; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted 1890.
Voluntary Adoption of Acts:—
(*a.*) Infectious Disease (Notification) Act, 1889; not adopted.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—William Shillito, M.R.C.S. *Salary.*—50*l.* (with repayment). *Performance of Duties.*—New appointment.
Inspector of Nuisances.—John Weatherhead. *Salary.*—6*s.* per week (without repayment). *Performance of Duties.*—Fairly active considering his salary.
Repression of Nuisances.—Inefficiently dealt with.
Isolation Hospital.—Provided in combination with Thornton Urban and Clayton Urban; 8 beds; arrangements satisfactory.
Disinfecting Apparatus.—Steam disinfecting apparatus at hospital.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on September 5th, 1894, when formal recommendations were made as regards the following matters:—
(1.) Water supply.
(2.) Excrement and refuse disposal.
(3.) House drainage.
(4.) Nuisances.
(5.) Byelaws.

WORKINGTON BOROUGH.

(Cumberland.)

Inspector.—Dr. H. M. Wilson. *Date of Inspection.*—March 21st–22nd, 1894. *Area.*—1,734 acres. *Population.*—(1891) 23,490. *Inhabited Houses.*—(1891) 4,306. *Rateable Value.*—(1893) 65,929*l.* *Industries.*—Iron works, ship-building.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Many dirty and damp houses; much crowding of houses upon area; very many back-to-back houses; little overcrowding of persons.
Water Supply.—Two public supplies of water, one, for domestic purposes, from Crummock Lake, the other, for manufacturers' needs, from the River Derwent. The domestic supply is not filtered, but is apparently of good quality.
Sewerage and Drainage.—Sewered throughout; sewage discharged by four outfalls into sea; ventilation effected by vertical shafts and roadway grids; flushing by automatic tanks. House drainage satisfactory on the whole; sink wastes well disconnected.
Excrement Disposal and Removal.—Waterclosets universal except at the Railway Cottages, where privy middens still in use. Waterclosets as a rule provided with separate flushing cisterns. About 240 iron trough closets of defective form still in use.
Refuse Removal.—House refuse and ashes removed daily by Authority's scavengers.
Registered Buildings and Trades:—

Common lodging-houses	5	Unsatisfactory.	Dairies - -	46	Unsatisfactory.
Houses let in lodging	None registered.		Cowsheds -		
Slaughter-houses -	Public, clean, and well kept.		Milkshops - -		
			Bakehouses -	3	Clean and airy.
			Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Not very active.

Date of Approval of Byelaws as to:—Scavenging, none; Nuisances, 1882; Common lodging-houses, 1882; New streets and buildings, 1882; Slaughter-houses, 1882; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—Adopted.

Voluntary Adoption of Acts:—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—John Highet, M.D., C.M. *Salary.*—100*l.* (with repayment). *Performance of Duties.*—An active officer.

Inspector of Nuisances.—William Sheldon, Cert. San. Inst. *Salary.*—100*l.* (with repayment). *Performance of Duties.*—Very energetic.

Repression of Nuisances.—Efficiently dealt with.

Isolation Hospital.—An old workhouse used as an infectious diseases hospital; arrangements unsatisfactory.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—Special flushing of sewers and increased frequency in scavenging carried out.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Wilson on April 13th, 1894, when formal recommendations were made as regards the following matters:—

(1.) Waterclosets.
(2.) Houses unfit for habitation.
(3.) Ponds.

YEADON URBAN DISTRICT.

(Yorkshire, W.R.)

Inspector.—Dr. T. Horne. *Date of Inspection.*—July 7th–10th, 1893. *Area.*—1,723 acres. *Population.*—(1891) 7,396. *Inhabited Houses.*—(1891) 1,539. *Rateable Value.*—(1893) 21,197*l.* *Industries.*—Woollen manufactures and dye works.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Some of the older houses dilapidated, ill-ventilated, and damp; some crowding of houses upon area; about 50 back-to-back houses; apparently no overcrowding of persons.

Water Supply.—Public supply from the works of the Yeadon Waterworks Company; water obtained from moorland gathering ground; no filtration; supply constant and apparently of fair quality, although turbid at times. Some wells liable to contamination still in use.

Sewerage and Drainage.—Sewered thoughout; sewage treated with lime, and after passing into subsidence tanks discharged into Gill Beck, a tributary of the Aire. At date of inspection effluent very unsatisfactory. House drainage.—Sink wastes generally disconnected; many gullies badly put in, whilst numbers broken and useless.

Excrement Disposal and Removal.—Privy middens of bad type almost universal. In one half of the district middens emptied by farmers at three monthly intervals, and in the other half the work is done by by the Sanitary Authority's staff once a month.

Refuse Removal.—House refuse disposed of in middens, and removed with nightsoil.

Registered Buildings and Trades :—

Common lodging-houses	7	Mostly dilapidated.	Dairies - - -	None.	—
Houses let in lodgings	None registered.		Cowsheds - - -	21	Bad.
			Milkshops - -	None.	—
			Bakehouses - -	None.	—
Slaughter-house	11	2 fair, 9 unsatisfactory.	Offensive trades -	None.	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Fearful to expend money.
Date of Approval of Byelaws as to :—Scavenging, none; Nuisances, none; Common lodging-houses, none; New streets and buildings, 1864; Slaughter-houses, none; Offensive trades, none.
Regulations as to Dairies, Cowsheds, and Milkshops.—None.
Voluntary Adoption of Acts :—
(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1892.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.
Medical Officer of Health.—Charles James Russell McLean, M.D., D.P.H. *Salary*—24*l.* (without repayment). *Performance of Duties.*—Satisfactory.
Inspector of Nuisances.—Isaac Wood. *Salary.*—30*l.* (without repayment). *Performance of Duties.*—Fair.
Repression of Nuisances.—Fair.
Isolation Hospital.—None.
Disinfecting Apparatus.—None.
Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Horne on September 11th, 1893, when formal recommendations were made as regards the following matters :—
(1.) Isolation provision.
(2.) Excrement and refuse disposal.
(3.) Scavenging.
(4.) Byelaws.

YNYSCYNHAIARN URBAN DISTRICT.

(Carnarvonshire.)

Inspector.—Dr. R. J. Reece. *Date of Inspection.*—August 17th–18th, 1893. *Area.*—5,543 acres. *Population.*—(1891) 5,224. *Inhabited Houses.*—(1891) 1,132. *Rateable Value.*—(1893) 13,229*l.* *Industries.*—Iron founding, quarrying, shipping, agriculture; seaside resort.

A.—Sanitary Circumstances.

Dwellings of the Poor.—Fair on the whole; some houses unfit for habitation at Tremadoc; some crowding of houses upon area at Portmadoc; apparently no overcrowding of persons.
Water Supply.—Public supply from Lake Tecwyn; not filtered; supply intermittent and apparently inadequate in amount; water of fair quality.
Sewerage and Drainage.—Each village sewered separately with outfalls into sea; ventilation by surface grids; flushing arrangements provided. House drainage not satisfactory, many drains pass under houses; soil pipes unventilated.
Excrement Disposal and Removal.—Waterclosets chief method of excrement disposal; a few midden privies still exist, which are scavenged by the Authority's staff "as required." At Tremadoc large number of midden privies at date of inspection overflowing.

Refuse Removal.—House refuse stored in fixed receptacles, and removed every 9 to 14 days. Large accumulation of filth at Tremadoc.

Registered Buildings and Trades :—

Common lodging-houses	4	Good.	Cowsheds - - -	None.	—
Houses let in lodgings	None registered.		Milkshops - -	None.	—
Slaughter-houses -	5	Bad.	Bakehouses - -	7	Fair.
Dairies - - -	None.	—	Offensive trades -	1	—

B.—Sanitary Administration.

Administration by Sanitary Authority.—Improving during recent years.

Date of Approval of Byelaws as to :—Scavenging, none; Nuisances, 1881; Common lodging-houses, 1881; New streets and buildings, 1881; Slaughter-houses, 1881; Offensive trades, none.

Regulations as to Dairies, Cowsheds, and Milkshops.—None.

Voluntary Adoption of Acts :—

(*a.*) Infectious Disease (Notification) Act, 1889; adopted 1890.
(*b.*) Infectious Diseases (Prevention) Act, 1890; not adopted.
(*c.*) Public Health Acts Amendment Act, 1890; not adopted.
(*d.*) Housing of the Working Classes Act, 1890; no action taken.

Medical Officer of Health.—Hugh Rees, M.R.C.S., L.S.A. *Salary.*—800*l.* (combination) (with repayment). *Performance of Duties.*—Ill at date of inspection.

Inspector of Nuisances.—David Griffith Davies. *Salary.*—40*l.* (with repayment). *Performance of Duties.*—Fair.

Repression of Nuisances.—Fair, except as regards recurrent nuisances.

Isolation Hospital.—None.

Disinfecting Apparatus.—None.

Special Preparation for Cholera.—None.

C.—Final Conference and Recommendations.

Final Conference with Sanitary Authority held by Dr. Reece on September 27th, 1893, when formal recommendations were made as regards the following matters :—

(1.) Isolation provision.
(2.) Water supply.
(3.) Waterclosets.
(4.) Excrement disposal.
(5.) Scavenging.
(6.) House drainage.
(7.) Courts and insanitary houses.
(8.) Nuisances.
(9.) Dairies, cowsheds, and milkshops.

ADDENDUM A.

Rural Districts of England and Wales, inspected during 1893–95,* as regards their Sanitary Circumstances and Administration.

Name of District.	Population, Census 1891.	County.	Inspector.
1. Atherstone - -	15,441	Warwickshire -	Dr. Wheaton.
2. Axbridge - -	24,965	Somersetshire -	„ „
3. Barnstaple - -	19,071	Devonshire -	„ Reece.
4. Barton-upon-Irwell -	26,832	Lancashire - -	„ Bruce Low.
3. Beverley - -	10,519	Yorkshire -	„ Wheaton.
4. Bideford - -	7,322	Devonshire -	„ Reece.
5. Bodmin - -	11,644	Cornwall - -	„ Wheaton.
6. Calne - - -	5,014	Wiltshire - -	„ Wilson.
7. Carmarthen -	23,873	Carmarthenshire -	„ Reece.
8. Cheadle - -	22,302	Staffordshire -	„ Fletcher.
9. Chesterfield - -	59,192	Derbyshire -	„ Wilson.
10. Cosford - -	12,369	Suffolk -	„ Fletcher.
11. Crickhowell - -	7,464	Brecknockshire -	„ Wilson.
12. Daventry - -	13,709	Northamptonshire	„ Wheaton.
13. Docking - -	16,030	Norfolk - -	„ „
14. Doncaster - -	28,364	Yorkshire - -	„ „
15. Downham - -	15,840	Norfolk - -	„ „
16. Driffield - -	13,140	Yorkshire - -	„ „
17. Durham - -	32,686	Durham - -	„ Wilson.
18. Eastington - -	36,782	„ - -	„ „
19. Hastings - -	11,243	Sussex - -	„ Bruce Low.
20. Hansworth - -	14,631	Yorkshire - -	„ Wilson.
21. Holbeach - -	8,599	Lincolnshire -	„ „
22. Holywell - -	29,843	Flintshire -	Mr. Evans.
23. Houghton-le-Spring	31,445	Durham - -	Dr. Wilson.
24. Kendal - -	21,606	Westmoreland -	„ Fletcher.
25. Ludlow - -	13,196	Shropshire - -	„ Bruce Low.
26. Mansfield - -	21,500	Derbyshire -	„ Wilson.
27. Narberth - -	18,190	Pembroke and Carmarthen.	„ Reece.
28. Newcastle - under - Lyme.	6,174	Staffordshire -	„ Fletcher.
29. Pembroke - -	11,763	Pembrokeshire -	„ „
30. Rochford - -	17,938	Essex - -	„ Wheaton.
31. Rothbury - -	6,083	Northumberland -	„ Fletcher.
32. Runcorn - -	22,467	Cheshire - -	„ Bruce Low.
33. Sculcoates - -	8,786	Yorkshire -	„ Wheaton.
34. Spalding - -	12,719	Lincolnshire -	„ Wilson.
35. Stone - -	13,872	Staffordshire -	„ Fletcher.
36. Sunderland - -	17,552	Durham - -	Mr. T. W. Thompson.
37. Thanet, Isle of -	9,466	Kent - -	Dr. Bruce Low.
38. Warrington -	12,783	Lancashire - -	„ „
39. Wharfedale -	7,551	Yorkshire - -	„ Horne.
40. Williton - -	15,470	Somersetshire -	Mr. T. W. Thompson.
41. Wolstanton and Burslem.	32,387	Staffordshire -	Dr. Fletcher.
42. Woodbridge -	19,960	Suffolk - -	„ Copeman.

* Abstracts of reports on these rural districts have not been reproduced. But the Report on the Sunderland Rural District has been printed at pages 273–280, as a specimen.

ADDENDUM B.

[Sheet 1.

FORM OF REPORT OF SPECIAL INSPECTION.

Date of Inspection 189 .

Registration District.
Registration Sub-District.

SANITARY DISTRICT.

Area :— Acres. Rateable value (189) £

Inhabited Houses 1871 :— 1881 :— 1891 :—

Population - 1871 :— 1881 :— 1891 :—

Names of Towns and Villages visited :—

Chief Industries of the Population :—

A. GENERAL SANITARY CONDITION.

[Specifying where needful particular localities.]

1. SOIL on which houses in populous parts are built—rock (solid or disintegrated ?), clay, gravel, sand, &c.

2. ROADWAYS—Approximate length dedicated and undedicated—construction—cleanliness.

3. DWELLINGS of the Poor—general sanitary condition—cleanliness.

4. CROWDING OF DWELLINGS upon area, or other conditions impeding free circulation of air about dwellings—Courts.

5. OVERCROWDING OF PERSONS—Extent.

Sanitary District. [Sheet II.

6. Water Supply.—(If Public, date of establishment.) Source—method of storage—filtration—method of distribution—sufficiency—quality (append results of chemical analysis if available)—defects.

7. Sewerage (date of construction).—Efficiency or chief defects—ventilation—flushing—outfall—treatment of sewage.

.8 House Drainage.

Sanitary District. [Sheet III.

8. Excrement, disposal and removal:—Method—efficiency—defects.

9. Refuse, disposal and removal (? destructor):—Method—efficiency—defects.

10. Buildings and Trades.	Number.	Registered or not.	Their Condition.
(*a.*) Common lodging-houses - -			
(*b.*) Other ("tenement") lodging-houses -			
(*c.*) Slaughter-houses - - -			
(*d.*) Dairies - - - - -			
(*e.*) Cowsheds - - - -			
(*f.*) Milkshops - - - -			
(*g.*) Bakehouses - - - -			
(*h.*) Offensive trades - - - -			

Sanitary District. [Sheet IV.

B. Sanitary Administration.

1. Sanitary Authority. Date of formation
General character and efficiency of administration.

Byelaws.	Date of Sanction.		Date of Sanction.
Scavenging.		Houses let in lodgings.	
Nuisances.		Cemeteries.	
Common lodging-houses.		Mortuaries.	
New streets and buildings.		Offensive trades.	
Markets.		Open spaces.	
Slaughter-houses.		Vans and tents.	
Pub. baths and wash-houses.		Fruit-pickers.	

Regulations—(*a.*) For Dairies, Cowsheds, and Milkshops.
(*b.*) For Periodic Removal of Manure.
(*c.*) For other Matters.

Local Acts containing Sanitary provisions: Date
Character of such provisions.

Infectious Diseases (Notification) Act, 1889: Date of commencement
Diseases added and date of addition

Infectious Disease (Prevention) Act, 1890: What sections adopted, with date of adoption.

Public Health Acts Amendment Act, 1890: What parts adopted with, date of adoption.

Date of Bye-laws (if any) framed under Act.

Housing of the Working Classes Act, 1890 (action taken under).

Sanitary District. [Sheet V.

2. Medical Officer of Health.—Name
Qualifications Salary £ Whole time? Repayment.
Character and efficiency of work done by Medical Officer of Health.

3. Inspector of Nuisances.—Name Qualifications
Salary £ Repayment.
Other appointments held by Inspector of Nuisances.
Character and efficiency of work done by Inspector of Nuisances.

4. Nuisances.—Habitual efficient dealing with—especially "*recurring*" nuisances.

5. Ships, Boats, and Barges.—Habitual dealing with under the Public Health and Canal Boats Acts.

6. Isolation Hospital.—Date of erection—beds—character—ambulance—mortuary.

7.—Disinfecting Apparatus.—Character—efficiency.

Sanitary District. [Sheet VI.

C.—Cholera Precautions.

1. General arrangements or preparation made in anticipation of cholera.

2. Special arrangements made for action in emergency.

Sanitary District. [Sheet VII.

Observations and comments on Particular Sanitary Conditions or on points not specified in foregoing sheets.

Sanitary District. [Sheet VIII.

Memoranda and Dates of Conferences.—With whom? Copy of written advice left with Sanitary Authority.

Inspector.

Date 189 .

CHOLERA SURVEY, 1893–94.

Report of Final Conference.

Sanitary District.

Date: With whom? Advice given

(*Signed*)

Date

ADDENDUM C. No. 1.

REPORT OF SPECIAL INSPECTION.

County Borough of Sunderland.

Date of Inspection.—April 19th, 1894.

Sunderland *Registration District.*

North Bishopwearmouth, South Bishopwearmouth, Sunderland, and Monkwearmouth *Registration Sub-districts.*

Area.—2,868 acres. *Rateable value.*—(1894) 446,725*l.* *Inhabited Houses.*—1871, 12,761; 1881, 16,082; 1891, 18,719. *Population.*—1871, 98,242; 1881, 116,526; 1891, 131,015.

Names of Towns and Villages visited.—Sunderland (all four registration sub-districts).

Chief Industries of the Population.—Shipbuilding, engineering, mining, seafaring and glass-blowing.

A.—General Sanitary Condition.

Specifying, where needful, particular localities.

1. *Soil on which Houses in Populous Parts are built.—Rock (solid or disintegrated?), Clay, Gravel, Sand, &c.*

Clay, with occasional pockets of sand, on the Magnesian Limestone. The clay varies in depth considerably, being in some places many feet in thickness; in other parts the Limestone comes to the surface.

2. *Roadways.—Approximate Length Dedicated and Undedicated, Construction, Cleanliness.*

Approximate length, dedicated 130 miles, undedicated 20 miles. Some of the main streets are paved with wood and some are macadamised; most of the other streets are paved with granite setts or cobbles; some streets are in need of repair. Scavenging of streets satisfactory.

3. *Dwellings of the Poor.—General Sanitary Condition, Cleanliness.*

These vary considerably, both as regards condition and cleanliness. In the older parts of the town many of them are in a very dilapidated and unsatisfactory condition. The Town Council have at present a scheme in hand for dealing with a number of old dwellings in the Sunderland Registration Sub-District as an "insanitary area" under Part I. of the Housing of the Working Classes Act, 1890, but many other houses in the Borough are in urgent need of attention. Back yards are in many instances either not paved or defectively paved. The rain water down spouts often discharge on the footpath, while in many cases they are broken off short, and discharge down the sides of the houses. A large number of the more modern working-class dwellings are one-storey houses, and some of the newest are provided with fixed baths. There may be some advantages in one-storey dwellings, but since they involve sleeping in close proximity to the earth, it is of the utmost importance that the ground surface beneath the dwelling should be well covered with asphalte or concrete, and this is by no

means always done; neither are damp courses usually provided. The more modern cottages were found to be fairly clean, but, as might be expected, many of the old dwellings were in a very dirty condition.

4. *Crowding of Dwellings upon Area, or other Conditions respecting Free Circulation of Air about Dwellings, Courts.*

In the older parts of the town (*e.g.*, Spencer Lane, Low Street, and Cooper's Entry), there is considerable crowding of buildings on area, and consequent obstruction to the free circulation of air about dwellings.

5. *Overcrowding of Persons.—Extent.*

No notable amount of overcrowding in dwellings was met with in the course of the inspection.

6. *Water Supply.—(If public, Date of Establishment), Source, Method of Storage, Filtration, Method of Distribution, Sufficiency, Quality (append Results of Chemical Analysis, if available), Defects.*

The whole of the inhabitants are supplied with the Sunderland and South Shields Company's water, which is either in the houses or laid on to stand-pipes in the yards.

This Company was established in 1846 by an Act of Parliament, which has been amended by subsequent Acts in 1852, 1859, 1868, and 1890. The area of supply, which is defined in the Acts of 1846 and 1868, extends down the east side of the County of Durham from the Tyne in the north to Castle Eden in the south. On the north-west the company's area meets that of the Newcastle and Gateshead Company near "Blue House," where the areas of the two companies, but apparently not the mains, overlap. The Sanitary Districts at present supplied by the Sunderland and South Shields Company (wholly or in part) are as follows:—Sunderland, South Shields, Hebburn, Jarrow, Southwick, and Seaham Harbour, Urban; and Sunderland (part), South Shields (part), Easington (part), and Chester-le-Street (part) Rural. In the rural districts the places supplied are the following:—

Sunderland Rural:—Ryhope, Ford and South Hylton.

South Shields Rural:—Monkton, Hedworth, Cleadon, Whitburn, Westoe, East Boldon, and West Boldon.

Easington Rural:—Dalton-le-Dale and Seaham Colliery.

Chester-le-Street Rural:—Washington.

The water is obtained from deep wells, of which there are six, viz: one each at Humbleton Hill, Fulwell, Cleadon, Ryhope, Dalton-le-Dale, and Seaham Harbour. The wells vary in depth from 276 feet to 450 feet; internally they are steined with brick laid in cement to a depth of 180 feet; below that there is no steining. The Fulwell, Cleadon, Ryhope, and Seaham Harbour wells obtain all their water from the Limestone, which they do not completely penetrate. The Dalton-le-Dale and Humbleton Hill wells are continued by bore-holes into the water-bearing stratum of sand below the Limestone. From the wells the water is pumped into reservoirs, from which it is distributed by gravitation in iron mains on the "constant system," and it has never been necessary, it is said, to intermit the supply, except locally for repair.

There are eight reservoirs, viz.: one each at Dalton, Seaham Harbour, Ryhope, Fulwell, Cleadon and Hebburn, and two at Humbleton Hill; the reservoirs are built in stone; those at Fulwell and Hebburn are covered; the rest are uncovered. The Dalton-le-Dale Reservoir is the highest; it supplies water directly to Dalton-le-Dale and the west side of Seaham Colliery; it then contributes water to the Ryhope Reservoir, and so, as will be seen later, indirectly to all the remaining area of supply except Seaham Harbour. It is, however, also connected with the Seaham Harbour Reservoir, and thus can, if need arise, supply water to Seaham Harbour, though the latter district is said to obtain an ample supply from its own well alone. The Seaham Harbour Reservoir has no connexion with any other reservoir except that at Dalton-le-Dale (the highest) and Seaham Harbour must thus always obtain its water from its own well or from that at Dalton-le-Dale. All the other reservoirs (Humbleton Hill, Ryhope, Fulwell, Cleadon, and Hebburn) are connected with one another by pipes, and although each in the main doubtless derives its water from its own well (except at Hebburn, where there is no well), yet since the several reservoirs are approximately at the same level, any deficiency of water in any one of them is made up by the gravitation of water from one of the others.

The mains by which the water is distributed are of cast-iron and have been put down at various times since 1846.

None of the water is filtered or otherwise treated before delivery. The quantity is said to have been abundant hitherto and the quality excellent. (See report of analysis by Dr. Tidy given below.)

The Company are now sinking a new well at Seaton Bank Top, and negotiating for land to sink another at Easington. These two wells are intended to augment the supply for the growing populations on the South Bank of the Tyne by a special main 21 miles in length.

(For the above account of the water supply I am largely indebted to the officials of the Company.)

Result of an Analysis of the Sunderland and South Shields Water Company's Water made by Prof. Tidy for the Rivers Pollution Commission in 1868.

Dissolved Matter (expressed in Parts per 100,000).					
Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen as Nitrates and Nitrites.	Total Combined Nitrogen.
44·18	·035	·030	0	·416	·446

Dissolved Matter (expressed in Parts per 100,000)—*cont.*					Remarks.
Previous Sewage or Animal Contamination.	Chlorine.	Hardness.			
		Temporary.	Permanent.	Total.	
3·810	4·17	·8	13·9	14·7	Clear.

"*Remarks.*—The Borough of Sunderland is supplied with ex-
" cellent water from deep wells sunk into the Dolomite. The
" water contains but mere traces of organic matter, and it has
" about the same degree of hardness as water from the limestone;
" but the hardness is permanent, and therefore not removable by
" boiling or by the addition of lime As Dolomite is a double
" carbonate of lime and magnesia, it was to be expected that
" there alkaline earth would be present in the water. Analysis
" confirms this supposition, and shows that 100,000 lbs. of this
" water contains 5·89 lbs. of lime and 3·96 lbs. of magnesia. As
" the wells are deep, the evidence of original animal contamination
" exhibited by the water is of no importance.

" The Dolomite or Magnesian Limestone is but slightly developed
" in Great Britain, and is rarely resorted to as a water-bearing
" stratum. The water supplied to Sunderland is of excellent quality
" for drinking and cooking, but owing to its hardness, which,
" though not great, is nearly all permanent, it is not well adapted
" for washing.

7. *Sewerage (Date of Construction).—Efficiency or Chief Defects, Ventilation, Flushing, Outfall, Treatment of Sewage.*

The whole of the Borough is sewered, and practically the whole of it is said to have been re-sewered in 1856, at which time the old sewers were almost all, if not all, removed. The existing sewers consist of egg-shaped and circular brick main sewers, and earthenware pipes for branches with iron pipes for sea outlets. A few of the older pipes are half-socketed, but for all recent sewers and repairs, glazed socketed pipes have been used; even the newest sewers are, however, clay jointed. Ventilation of the sewers is by open manholes fitted with dirt boxes; there are also a few ventilating shafts up houses and factory chimneys. The gradients are said to be excellent—the flattest being 1 in 250. The sewers are flushed by special vans holding 400 gallons of water, which is discharged through a manhole by a 9-inch canvas bag, and in this way each sewer is flushed six or seven times a year. There are also three automatic flushing tanks on the system, one discharging 500 and the other two 1,000 gallons each. The sewage is discharged crude into the river (tidal), and the sea by 16 separate outfall sewers—13 into the river and 3 into the sea.

On inspecting the sewers the dirt boxes beneath the manhole gratings were found, in all instances examined, to be loaded with decomposing filth, and the sewers at these points contained several inches of black deposit.

House Drainage.—The smaller houses have sinks in the yards, and these are usually provided with trapped gulleys. In all newly erected houses provided with waterclosets, baths, and sinks, the Sanitary Authority require the house drain to be disconnected from the sewer by a syphon bend and fresh-air inlet; the soil-pipe to be outside the house, and carried up full bore above the eaves; and the bath and sink wastes to be cut off over gulleys in the open air.

8. *Excrement Disposal and Removal.—Method, Efficiency, Defects.*

There are some 4,000 waterclosets and 1,100 "tub closets" (galvanised iron tubs) in the district, but the large majority of houses are dependent for excrement disposal on privy middens. The middens are mostly of very defective type—uncovered, large, and not so constructed as to

keep out surface water or to prevent soakage of their contents into the surrounding soil. They are scavenged by the Corporation staff, who work the district systematically, independently of complaints from householders, and in this way it is said each midden is emptied about once in six weeks. The tub-closets are emptied once a week or oftener. Judging from the middens which I visited, I should say that on the whole the scavenging is well done, though in a few cases full middens were met with. The middens are scavenged in the night, between 10.30 p.m. and 8 a.m.

9. *Refuse Disposal and Removal (? Destructor).—Method, Efficiency, Defects.*

There is no destructor. The midden and ashpit refuse is, as far as possible, sent into the country, and there disposed of to farmers. The remainder, rather more than half, is sent out to sea in hoppers. For these purposes the Sanitary Authority have three depôts at railway sidings and three on the river. Each ton of refuse sent into the country costs the Sanitary Authority 3*d.*, and each ton sent to sea 7*d.*

The scavenging staff, for all purposes, consists of 1 Superintendent, 10 Foremen, and 143 men. There are 53 horses and some 100 carts.

10. *Buildings and Trades.*	*Number.*	*Registered, or not.*	*Their Condition.*
(*a.*) Common lodging-houses.	32	Yes	Those visited were fairly clean, but some were old and dilapidated houses with badly paved yards. In one case a dreadful nuisance was found from a badly-placed and badly-constructed privy midden.
(*b.*) Other ("tenement") lodging-houses.	?	No.	
(*c.*) Slaughter-houses -	164	Not generally	See full notes below (only about 10 registered).
(*d.*) Dairies - -	36	Yes	Both the dairies and cowsheds visited were clean. Some cowsheds were overcrowded, and a serious drainage defect was met with in connexion with one of them.
(*e.*) Cowsheds - - -	46	Yes	
(*f.*) Milkshops - -	426	Yes	Those inspected were clean.
(*g.*) Bakehouses - -	27	No	" " "
(*h.*) Offensive trades -	8	Yes	Practically none, except a few tripe boilers. Those visited were not as clean as they should be. In one case the floor was badly paved and uneven.

Slaughter-houses.—There are only some half score of actual slaughter-houses in the Borough, slaughtering in the majority of cases being carried out in the shops. The shutters are usually closed when slaughtering takes place, and gas resorted to for light. The floors in the shops thus used are in some cases of wood, and in others of concrete. The lairage accommodation and access for cattle is sometimes very defective. In one instance the beasts had, in proceeding from the lair (which was about 13 feet from the back of the house) to the shop, to pass through part of the house, descend three steps, and then go through a very steep, low, and slippery passage. The Inspector of Nuisances informed me that he had seen a beast fall and get jammed in this passage—an occurrence which, one must imagine, is not infrequent. The butchers are dependent upon their own arrangements for the disposal of offal, &c. Slaughter-houses of this type are

very defective; certain of them are so imperfectly lighted that it is necessary to slaughter with open doors; in some cases a railed off portion of the slaughter house does duty as a lair; twelve pigs were, in one instance, kept in the corner of a slaughter house which adjoined and communicated with a dwelling.

That the arrangements for slaughtering in this district are highly improper need hardly be said—failing as they do to afford reasonable security as regards the wholesomeness of the meat supply, the avoidance of nuisance in connexion with slaughtering, and the avoidance also of needless suffering to animals. And this seems to have been recognised by the Town Council in the past, since they deemed it necessary to obtain a special clause in their Act of 1885 prohibiting the slaughtering of animals except in slaughter-houses provided, registered, or licensed, by the Corporation; at that time it appears that they had in contemplation the provision of a public slaughter-house; but nothing, however, has as yet been done in the matter.

B.—Sanitary Administration.

1. *Sanitary Authority.—Date of Formation* 1851 under Borough of Sunderland Act.

General Character and Efficiency of Administration.—By the action they are taking under the Housing of the Working Classes Act, 1890, and the action they have taken in the same direction under a former Act, the Town Council have given practical illustration of a desire to improve the working class dwellings in their district. In this matter, however, much more remains to be done, and the fact that new houses are allowed to be built without damp-proof courses, and new one-storey houses without any layer of concrete over the site, indicates inefficiency of administration as regards new dwellings. The Town Council have also so far failed to take any adequate action with a view to the abatement of the highly unsatisfactory conditions under which the slaughtering of animals is carried out in the district. Speaking generally, however, the administration is in other respects satisfactory, and by their Borough of Sunderland Act, 1885, the Town Council obtained some valuable provisions.

Byelaws.	Date of Sanction.	Byelaws.	Date of Sanction.
Scavenging - -	None.	Cemeteries - -	None.
Nuisances - - -	February 21st, 1872.	Mortuaries - -	None.
Common lodging-houses	January 29th, 1878	Offensive trades -	None.
New streets and buildings	July 8th, 1879.	Open spaces - -	None.
Markets - - -	None.	Vans and tents - -	None.
Slaughter-houses - -	March 5th, 1852.	Fruit-pickers - -	None.
Public baths and wash-houses.	None.	Hackney carriages -	March 15th, 1881.
Houses let in lodgings -	None.		

Regulations.—(*a.*) For dairies, cowsheds, and milkshops. New regulations came into force July 1st, 1894.

(*b.*) For periodic removal of manure. None.

(*c.*) For other matters. Sanitary regulations confirmed by the Home Office, May 17th, 1869.

Local Acts containing Sanitary Provisions.

The Borough of Sunderland Act, 1885, contains provisions relating to the following sanitary matters :—

"Notice to be given of persons suffering from infectious disease (dual method).

"Other diseases may be declared to be within the foregoing provision.

"Cow-keepers and others to furnish lists for customers in certain cases.

"Persons engaged in washing or mangling clothes to furnish lists in certain cases.

"Further powers in relation to disinfection of premises.

"Penalty on persons ceasing to occupy houses without previous disinfection, or giving notice to owner, or making false answers.

"Prohibiting the retention of dead bodies in certain cases.

"Bodies of persons dying in hospital, &c., of infectious disease to be removed only for burial.

"Justices may, in certain cases, order dead bodies to be buried.

"Notice of death (from infectious disease) to be given to Medical Officer.

"Mourning coaches to be subject to provisions relating to hackney carriages.

"Corpses not to be carried in public conveyances.

"Temporary shelter, &c. (to be provided by Corporation for persons dislodged during disinfection).

"Slaughtering prohibited except in slaughter-houses provided or licensed by the Corporation.

"Placing matter in sewers so as to affect run of water.

"Steam not to be turned into sewers.

"Powers for enforcing provision of privy accommodation and for conversion of privies.

"Penalty for not cleansing closets.

"Conveniences for inns, public-houses &c.

"Also certain provisions with respect to new streets and buildings."

Infectious Diseases (Notification) Act, 1889.

Not in force in view of the fact that the notification of cholera, small-pox, typhus, typhoid, scarlet, relapsing, continued and puerperal fevers, scarlatina and diphtheria, is compulsory under the Borough of Sunderland Act, 1885.

Diseases added and date of addition.—None.

Infectious Disease (Prevention) Act, 1890.

What Sections adopted, with date of Adoption.—None. (In view of Provisions of Borough of Sunderland Act).

Public Health Acts (Amendment) Act, 1890.

What Parts adopted, with Date of Adoption.—All, except Part V. Adopted January 24th, 1891. Came into force March 1st, 1894.

Date of Byelaws (if any) framed under Act.—None at present.

Housing of the Working Classes Act. 1890 (*action taken under*).

Some dozen houses closed under this Act, and the Sanitary Authority have a scheme now on hand for demolishing the dwellings on an "insanitary area" and building workmen's dwellings.

2. *Medical Officer of Health.*

Name.—John Caudell Wood.

Qualifications.—L.R.C.P., L. & D.P.H., R.C.S. Edinburgh.

Salary.—500*l.*, also 20*l.* as Port Medical Officer of Health, and 5*l.* as Public Analyst.

Whole time?—Yes, except such of his time as is given to his appointment as Port Medical Officer of Health, Public Analyst, and Medical Officer to the Borough Isolation Hospital.

Repayment.—None.

Character and Efficiency of work done by Medical Officer of Health.—Medical Officer of Health seems to have a good knowledge of his district, but is wanting in judgment, and cannot be regarded as a very satisfactory, officer.

3. *Inspectors of Nuisances.*

Name.—William Mackay; also the following Assistant Inspectors of Nuisances: Ralph Mason, Thomas Downes, John Metcalf, Charles Horseman, James Sykes Watson, and George Sinclair. Mason and Metcalf each receive 90*l.* per annum, and the remainder each 80*l.* Metcalf, Horseman, Watson, and Sinclair, hold certificates from the Sanitary Institute.

Qualifications.—No certificate; many years in office.

Salary.—120*l.*

Repayment.—None.

Other Appointments held by Inspector of Nuisances.—None.

Character and Efficiency of Work done by Inspectors of Nuisances.—On the whole satisfactory: though one or two nuisances were met with which ought to have been dealt with more promptly.

4. *Nuisances.—Habitual efficient dealing with, especially "Recurring" Nuisances.*

Fair; but more systematic action should have been taken by the Sanitary Authority with a view to the abatement of the "recurring" nuisances inseparable from the large, deep, uncovered, and defectively constructed privy middens which abound in the district.

5. *Ships, Boats, and Barges.—Habitual dealing with under the Public Health and Canal Boat Acts.*

No canal boats. Ships are under the jurisdiction of the Port Sanitary Authority.

6. *Isolation Hospital.—Date of Erection, Beds, Character, Ambulance, Mortuary.*

The Town Council possess a good brick isolation hospital for 42 patients, situated on a well isolated site about two miles north-west of the Town Hall. It was erected in 1890, on a loan sanctioned by the Board, and consists of two fever pavilions, each for 16 beds, designed generally on the lines of Plan C. of the Board's hospital memorandum of 1892, and an isolation pavilion for 10 beds on the lines of Plan D of the Board's hospital memorandum of 1888. There is also a good administrative block (accommodation for 11 nurses and 9 servants, in addition to medical officer and matron), a mortuary, post-mortem room, laundry, disinfecting house, &c.

7. *Disinfecting Apparatus.—Character, Efficiency.*

"Washington Lyon's" high pressure steam apparatus provided at isolation hospital.

C.—Cholera Precautions.

1. *General Arrangements or Preparation made in anticipation of Cholera.*

During the autumn of 1893, in view of the danger of cholera, increased activity was maintained as regards scavenging, the flushing of sewers, and abatement of nuisances generally. Disinfectants were freely supplied for house drains, &c. and handbills as to precautions distributed.

2. *Special Arrangements made for Action in Emergency.*

Arrangements were made for opening the "House of Recovery" for use as a cholera hospital. This was formerly the Borough Fever Hospital. It is situated at the end of Dunning Street, near the river, and is capable of accommodating some 12 patients.

Memoranda and Dates of Conference. With whom?—Conference held on April 19th, 1894, for the purpose of obtaining preliminary information. Present:—The Chairman and Vice-Chairman of the Health Committee, the Town Clerk, Medical Officer of Health, and the Borough Surveyor.

(Signed) T. W. Thompson,
Inspector.

June 14th, 1894.

Report of Final Conference.

Date.—June 18th, 1894. *With whom?—Present:* Alderman Rickaby (Chairman of the Health Committee), Councillor Harrison, (Vice-Chairman), Aldermen Bell and S. Richardson, Councillors Arnison, Bruce, Hudson, Kirtley, Punshon, and N. Richardson, (members of the Health Committee). Also the Town Clerk, Medical Officer of Health, and Borough Engineer.

Advice given.—Having first referred to the prevalence of cholera in 1892 and 1893, the cholera prospects in 1894, and the objects of the cholera survey, I proceeded to read the following "Recommendations":—

COUNTY BOROUGH OF SUNDERLAND.

Memorandum of recommendations made to the Town Council of Sunderland as regards measures to be taken with a view to the prevention of cholera and other epidemic diseases.

A.—*General Duties under the Public Health Acts.*

1. *Insanitary Dwellings.*

Special activity should be maintained with regard to the closing of houses unfit for habitation, and the diminution of the serious overcrowding of dwellings upon area which at present exists in the older parts of the Borough.

2. *Sewerage.*

Arrangements should be made for the more frequent flushing of sewers.

3. *Excrement and Refuse Disposal.*

The Town Council should use their utmost endeavours to secure the abolition of the large ill-constructed privy middens which are so common in the district, and the provision in lieu thereof of suitably situated and properly constructed waterclosets, earth closets, or privies, and ashpits.

4. *Slaughter-houses.*

The Town Council are strongly urged to avail themselves of the powers conferred upon them by section 163 of the Public Health Act, 1875, and to provide and make byelaws with respect to the management of a public slaughter-house or slaughter-houses for the district.

5. *Byelaws.*

The Town Council should, under the advice and with the assistance of their Medical Officer of Health, revise their byelaws relating to:—

Common lodging-houses;

New streets and buildings;

and base them, as far as the circumstances of the district allow, on the model series of the Local Government Board.

B.—*Special Duties as regards Cholera.*

In view of the possible introduction of cholera into the district, the Sanitary Authority will do well to consider beforehand the preventive measures necessary in dealing with cases of the disease.

In the first instance, arrangements should be made for the earliest possible intimation of the occurrence of cases of choleraic disease (including diarrhœa) being given to the Medical Officer of Health.

Secondly, in dealing with actual occurrences of such illness the provisions of the Public Health Act of 1875 relating to infection should

be very strictly carried out, in accordance with the terms of the Board's Memoranda dated August 26th, 1892. Measures thus taken should include the early isolation of persons attacked, with subsequent early disinfection and lime-washing of infected rooms and premises.

All bowel discharges of the sick should, after disinfection, be safely disposed of. Repeated disinfection of privy contents and the flushing of house drains and yards should be practised.

Infected clothing, bedding, &c., should be either efficiently disinfected or at once destroyed.

On the occurrence of a case of cholera, a house-to-house visitation in the immediate neighbourhood should be made for the purpose of discovering and promptly dealing with any further cases of similar illness. Instructions should be issued throughout the district that all water not derived from a source of undoubted purity should be well boiled before being used for drinking or cooking purposes. In every instance disinfectants, accompanied with precise instructions for their use, should be supplied by the Authority, under the personal supervision of the Medical Officer of Health.

As regards Recommendation 1, I expressed satisfaction at the action recently taken by the Town Council under Part I. of the Housing of the Working Classes Act but pointed out that, apart from the area thus about to be dealt with, there was much insanitary property in the older part of the town, and I urged the importance of further action with regard to this. In reply, I was assured that the Town Council were fully alive to the desirability of further action, and that they hoped, as soon as practicable, to effect large improvements in the older parts of the district. In connexion with Recommendation 2, I was given to understand that the need for more frequent flushing of sewers was recognised, and would be attended to. In referring to the sewers, I made informal recommendations as to the employment, in future, of cement joints in lieu of the clay joints still used, and the more systematic cleansing of the dirt boxes under the lamphole gratings, which I had found in a very unsatisfactory condition. As regards the latter point, it was said action should be taken. The clay joints, however, were warmly defended by the Borough Engineer, and after some discussion, in which I advocated cement joints, the matter was left over for further consideration. Under Recommendation 3, I pointed out that the large, uncovered, deep middens, which are productive of nuisance, should be dealt with under the nuisance clause of the Public Health Act. Coming to Recommendation 4, I pointed out the extremely unsatisfactory character of the accommodation and arrangements for the slaughtering of cattle, and strongly urged the provision of public slaughter-houses. The matter, I was given to understand, had, at different times, been considered by the Council, but, from the course of the discussion which ensued on the present occasion, it is to be feared that no action will be taken. In discussing Recommendation 5 I referred to several serious defects in the existing building byelaws, such as the absence of any clause requiring a damp-proof course, the excessive size of the privy receptacles required, &c., &c. The need for power to compel provision of a damp-proof course was admitted, but the fear was expressed that if the Town Council attempted to revise their existing byelaws no alternative would be given them but to accept the model series of the Local Government Board, which, it was contended, are in various respects inapplicable to the district. As regards this, I expressed the opinion that the Board would be perfectly prepared to consider any modifications in the model series which the Town Council could show grounds for regarding as demanded by local circumstances.

The recommendations as to "special duties as regards cholera" I was informed would be carefully considered and acted upon if need arose.

Having, in conclusion, alluded to the recent prevalence of typhoid fever in the Borough, as emphasing the importance of carrying out the several recommendations, I referred to the scavenging of middens and ashpits during the night time, and explained the Board's experience as to the superiority of scavenging during the hours of daylight.

I also pointed out the danger to which the Town Council were exposing their fever patients by isolating small-pox cases on the fever hospital site, and I strongly urged them to provide, either by themselves or in conjunction with some neighbouring authority or authorities, a separate, well isolated hospital for small-pox purposes.

T. W. Thompson,
July 19th, 1894.

ADDENDUM C. No. 2.

REPORT OF SPECIAL INSPECTION.

Sunderland Rural District.

Date of Inspection.—April 8th, 1894.

Sunderland *Registration District.*

North Bishop Wearmouth, South Bishop Wearmouth, Monk Wearmouth *Registration Sub-districts.*

Area.—7,404 acres. *Rateable value.*—(1894) 86,301*l.* *Inhabited Houses.*—1881, 2,495; 1891, 3,246. *Population.*—1881, 14,564; 1891, 17,552.

Names of Towns and Villages visited.—Ryhope, Grangetown, New Silksworth, Tunstall, Ford, North Hylton, Castletown, Fulwell, and Monk Wearmouth.

Chief Industries of the Population.—Coal mining, agriculture, shipbuilding, and paper making. Coal mining is the chief industry, and it is estimated that two-thirds of the population are engaged in it.

A.—General Sanitary Condition.

(Specifying, where needful, particular localities.)

1. *Soil on which Houses in Populous Parts are built.—Rock (solid or disintegrated?), Clay, Gravel, Sand, &c.*

Clay, lying on the Magnesian Limestone; in some places the limestone crops out at the surface. Magnesian Limestone is said, generally speaking, to be solid, but according to Woodward ("The Geology of England and Wales," p. 597) the Magnesian Limestone in this neighbourhood is "riddled with caverns and cavities."

2. *Roadways.—Approximate Length, Dedicated and Undedicated, Construction, Cleanliness.*

Dedicated 52 miles, undedicated 19 miles. Dedicated roads constructed mainly on the Macadam principle with Granite or Whinstone; they are in fair condition, and fairly clean. The undedicated roads in some of the colliery villages, notably Ryhope, are very imperfectly made and badly kept.

3. *Dwellings of the Poor.—General Sanitary Condition, Cleanliness.*

Many of the older dwellings are in a very unsatisfactory condition, and of an unsatisfactory character generally, notably the rubble houses at Ryhope (Ryhope Street and Benden Street), and some of the houses at Ford and North Hylton (Ropery Row). Many yards are unpaved or defectively paved. Some houses were found to be damp in consequence of defective roofing; no dwellings were observed to be without eave spouting, but in a number of cases the spouting was defective, the down spouts discharging on the walls or the ground in such a manner as to lead to dampness of foundations. New houses are in some cases built without damp-proof courses or concrete foundations. Many of the newer dwellings consist of one storey buildings. Many houses visited were very clean, others very dirty.

4. *Crowding of Dwellings upon Area, or other Conditions respecting Free Circulation of Air about Dwellings, Courts.*

In parts of Ford, dwellings are somewhat thickly aggregated together, but elsewhere in the district no conspicuous crowding of dwellings on area was noted.

5. *Overcrowding of Persons.—Extent.*

Some overcrowding occurs; proceedings were taken last year (1893) in two cases, and a number of other cases are said to have been abated without legal proceedings being taken.

6. *Water Supply.—(If public, Date of Establishment), Source, Method of Storage, Filtration, Method of Distribution, Sufficiency, Quality (append Results of Chemical Analysis, if available), Defects.*

The large majority of the inhabitants are supplied by the Sunderland and South Shields Water Company which was established in 1846; the water, which is also supplied to a number of other sanitary districts, is obtained from deep wells in the Limestone and in some cases in the water-bearing stratum beneath the Limestone. It is pumped into reservoirs from which it is supplied on the constant system by gravitation, to the different centres of population—to which it is conveyed in iron pipes and laid on to the houses or more usually to standpipes in the yards. The water is not filtered before delivery. It is ample in quantity and believed to be of good quality. (For fuller account, see Sunderland Urban Report.)

As regards other sources of supply, New Silksworth is supplied by the colliery owners with a water said to be of similar character to above, which is pumped from the Limestone in the shaft of the mine. This water is also pumped into a reservoir from which it is supplied on the constant system to the village where it is laid on to standpipes in the yards.

About 30 houses at Ford are still supplied by two surface springs, the water from which is collected into two cisterns in the village, which are provided with taps. A few scattered farmhouses are dependent upon local wells. The water from these wells is analysed once or twice a year by the Medical Officer of Health.

7. *Sewerage (Date of Construction).—Efficiency or Chief Defects, Ventilation, Flushing, Outfall, Treatment of Sewage.*

All the villages, except North Hylton, have been sewered during the last 20 years. The Sanitary Authority are now (1894) applying for sanction to loans for 2,500*l.* and 350*l.*, for extending the sewers at Ryhope and New Silksworth respectively. When these extensions are carried out it is said that all the houses, except those at North Hylton (about 30) which drain into the river, and a few scattered farmhouses will be within reasonable distance of a public sewer. The sewers are either egg-shaped brick sewers or glazed socketted pipes; clay joints were originally used, but in recent cases of repair or extension cement joints have, it is said, been employed, and each length tested with smoke before being covered in. The sewers are said to have good gradients, and to be provided with manholes at each change of direction and gradient. They are ventilated by open gratings, and in some localities also by ventilation shafts carried up the ends of houses; at Ford, however, the gratings were in most instances found to be completely closed

by road detritus, &c. In some of the colliery villages the sewers running up the back streets are not provided with a sufficient number of open gratings, but have instead, as I was informed, a shaft here and there running up *inside* the chimney breasts of neighbouring houses. Such sewers the Inspector of Nuisances, who is also Surveyor, had been in the habit of regarding as belonging to and under the control of colliery proprietors instead of the Sanitary Authority. There are four automatic flushing tanks on the sewers, viz., two at Ryhope, one at Fulwell, and a private one at the Silksworth Schools; these are said to discharge every 24 hours; the sewers being in addition flushed twice each year by means of water-carts. The sewage is discharged untreated into the tidal river or into the sea. From Ford, Hylton, and Castletown it is passed into the river, and from Ryhope and New Silksworth into the sea.

House Drainage.—Stoneware gulleys are provided in the yards. Where w.c.'s and sinks or baths exist within the houses, the soil pipes, in the case of all newer houses, are, it is said, outside, and carried up above the eaves for ventilation; sink and bath wastes are cut off and discharge over open gulleys.

8. *Excrement, Disposal and Removal.—Method, Efficiency, Defects.*

A few of the larger houses are provided with waterclosets, but the usual mode of excrement disposal is by privy middens; the more recently constructed of these are of moderate size, covered over, and rendered in cement; but the older ones are mostly large, deep, uncovered, and not cemented; many of the middens are also dilapidated, as are the privies adjoining them. Excrement removed with the refuse, see next paragraph.

9. *Refuse, Disposal, and Removal (? Destructor).—Method, Efficiency, Defects.*

No destructor. The village of Ford is scavenged under contract with the Sanitary Authority, but judging from the condition of some of the middens at the time of my visit the scavenging is not efficiently carried out. The colliery villages are scavenged by the colliery proprietors; the usual drawback to this system being observed, viz., that in some cases occupiers not employed at the colliery are left to arrange for their own scavenging, and accumulation of refuse results.

10. *Buildings and Trades.*	*Number.*	*Registered or not.*	*Their Condition.*
(*a.*) Common lodging-houses.	None.	—	
(*b.*) Other ("tenement") lodging-houses.	—	No	Very few. Number not known.
(*c.*) Slaughter-houses -	16	No	Only one or two of these are "slaughter-houses," the rest are butchers' shops in which slaughtering is carried on. See next page.
(*d.*) Dairies - - -	25	Y	Some of the dairies and cowsheds visited were of defective construction, but on the whole they were clean, and apparently well attended to.
(*e.*) Cowsheds - -	25	Yes	
(*f.*) Milkshops - - -	None.	—	
(*g.*) Bakehouses - -	—	—	
(*h.*) Offensive trades -	1	—	A knacker's yard. This was locked up at the time of my visit, and I was unable to obtain access to it.

Slaughter houses.—As in the Sunderland and South Shields Urban District, so here slaughtering is in most instances carried out in the butcher's shops. In the case of one shop the floor was found to be defective, and in this instance it was admitted that the shutters were not put up during the process of slaughtering, which is thus carried out in full view of the passers by. In some cases the blood and offal is thrown on to the middens. At New Silksworth a pig was being killed in the open street at the time of my visit, a collection of children standing round to watch the operation; this I was given to understand is a common occurrence.

B.—Sanitary Administration.

1. *Sanitary Authority. Date of formation, August* 29 1872.

General Character and Efficiency of Administration.—Fairly satisfactory on the whole. The Sanitary Authority have spent considerable sums of money upon sewerage works, and have paid attention to the water supply of the district; they have also recently taken preliminary action with a view to the provision of an isolation hospital; more energetic action is, however, required with respect to the abatement of nuisances—especially "recurring" nuisances due to defective privies, &c.—and with respect to the conditions under which slaughtering is carried out; more adequate supervision over the erection of new dwellings is also required, and in this respect the Sanitary Authority need more efficient byelaws.

Byelaws.	Date of Sanction.	Byelaws.	Date of Sanction.
Scavenging - -	None.	Houses let in lodgings*	June 23, 1880.
Nuisances* - - -	June 23, 1880.	Cemeteries - -	None.
Common lodging-houses	None.	Mortuaries - - -	None.
New streets and buildings.†	August 29, 1877.	Offensive trades - -	None.
Markets - - -	None.	Open spaces - - -	None.
Slaughter-houses - -	None.	Vans and tents - -	None.
Public baths and wash-houses.	None.		

* Apply only to township of Ford.
† Apply only to township of Fulwell. In addition Sanitary Authority have a code of byelaws as to new streets and buildings adopted in 1874. These apply to whole district except Fulwell.

Regulations.—(*a.*) For Dairies, Cowsheds, and Milkshops. Adopted July 27th, 1893.
(*b.*) For periodic removal of manure. None.
(*c.*) For other matters. None.

Local Acts containing Sanitary Provisions.—None.

Infectious Diseases (Notification) Act, 1889.

Date of commencement.—Came into force August 1st, 1891.
Diseases added and date of addition.—None.

Infectious Disease (Prevention) Act, 1890.

What Sections adopted with date of adoption.—None.

Public Health Acts Amendment Act, 1890.

What Parts adopted with date of adoption.—Part III. adopted April 9th, 1891.

Date of Byelaws (if any) framed under Act.—None.

Housing of the Working Classes Act, 1890 (*action taken under*).

Some nine houses closed, and others put in repair under this Act.

2. *Medical Officer of Health.*

Name.—T. Coke Squance. *Qualifications.*—M.D., M.S. *Salary.*—130*l.* *Whole Time?*—No. *Repayment.*—Yes.

Character and Efficiency of Work done by Medical Officer of Health.—Good. Medical Officer of Health has a good knowledge of his district and its sanitary needs.

3. *Inspector of Nuisances.*

Name.—Anthony John Wardroper. *Qualifications.*—No certificate. *Salary.*—135*l.* *Repayment.*—Yes.

Other Appointments held by Inspector of Nuisances.—Surveyor (30*l.* per annum). Inspector of Nuisances is also in charge of street lamps and is superintendent of two fire brigades.

Character and Efficiency of Work done by Inspector of Nuisances.—Unsatisfactory. Inspector of Nuisances complains that the work connected with his other appointments leaves him insufficient time for his duties as Inspector of Nuisances in this large district.

4. *Nuisances.—Habitual efficient dealing with, especially "Recurring" Nuisances.*

Nuisances, and particularly "recurring" nuisances, not efficiently dealt with.

5. *Ships, Boats, and Barges.—Habitual dealing with under the Public Health and Canal Boat Acts.*

No canal boats in this district. Vessels coming up the river to Ford are inspected by Port Sanitary Authority.

6. *Isolation Hospital.—Date of Erection, Beds, Character, Ambulance, Mortuary.*

None at present, but an inquiry was held recently with respect to sanction to loan for a site for erection of an isolation hospital.

7. *Disinfecting apparatus.—Character, efficiency.*

None. Infected articles are either burnt, or sent to the Sunderland Urban Hospital for disinfection.

C.—Cholera Precautions.

1. *General Arrangements or Preparation made in Anticipation of Cholera.*

In anticipation of cholera in 1893 the colliery owners agreed to find two cottages for isolation purposes should occasion arise, and it is understood that this arrangement still holds good. Special activity in matters of scavenging, sewer-flushing, &c. carried out during the hot seasons of 1892 and 1893, and all middens at Ryhope and New Silksworth were treated with lime. These measures will be again adopted in 1894.

2. *Special arrangements made for Action in Emergency.*

None.

Memoranda and Dates of Conferences. With whom? Copy of written advice left with Sanitary Authority.—Conference with view to acquisition of preliminary information as to condition of district held on April 18th, 1894, with the Chairman, Clerk, and Inspector of Nuisances to the Rural Authority. No advice was then given. The Medical Officer of Health was away at the time of this Conference.

T. W. Thompson,
Inspector.

June 13th, 1894.

Report of Final Conference.

Date.—June 20th, 1894. *With whom?—Present:*—Messrs. Osbourne (Vice-Chairman), Bell, P. Featherstone, C. E. Thompson, and Col. Briggs, members of the Rural Authority; also the Clerk and Medical Officer of Health.

Advice given.—Having referred to the recent history of cholera, and explained the objects and mode of procedure of the Survey, I read the following recommendations:—

Sunderland Rural Sanitary District.

Memorandum of Recommendations made to the Sunderland Rural Authority as regards measures to be taken with a view to the prevention of cholera and other epidemic diseases.

A.—General Duties under the Public Health Acts.

1. *Insanitary Dwellings.*

The Sanitary Authority should cause all dwellings, which, from dampness, defective ventilation, dilapidation, or other structural defect are unfit for habitation, to be placed in proper repair or permanently closed.

2. *Excrement and Refuse Disposal and Removal.*

The Sanitary Authority should take measures for the abolition of all privies and middens which, owing either to position or construction are productive of nuisance, and the provision in lieu thereof of suitably

placed and properly constructed waterclosets, earth closets, or privies and ashpits. Measures should also be taken to ensure the frequent removal of refuse from the neighbourhood of dwellings.

3. *Slaughter Houses.*

The Sanitary Authority should at once take measures for securing the provision of suitable accommodation for the slaughtering of animals for human food, and the proper regulation of places used for that purpose. To this end they should apply to the Local Government Board for urban powers under section 169 of the Public Health Act of 1875.

4. *Byelaws.*

The Sanitary Authority should, under the advice and with the assistance of the Medical Officer of Health, at once proceed to revise their byelaws relating to new streets and buildings and base them as far as the circumstances of the District permit, upon the model series of the Local Government Board.

B.—Special Duties as regards Cholera.

In view of the possible introduction of cholera into the District, the Sanitary Authority will do well to consider beforehand the preventive measures necessary in dealing with cases of the disease.

In the first instance, arrangements should be made for the earliest possible intimation of the occurrence of cases of choleraic disease (including diarrhœa) being given to the Medical Officer of Health.

Secondly, in dealing with actual occurrences of such illness, the provisions of the Public Health Act of 1875, relating to infection, should be very strictly carried out in accordance with the terms of the Board's Memoranda, dated August 26th, 1892. Measures thus taken should include the early isolation of persons attacked, with subsequent early disinfection and lime washing of infected rooms and premises.

All bowel discharges of the sick should, after disinfection, be safely disposed of. Repeated disinfection of privy contents and the flushing of house drains and yards should be practised.

Infected clothing, bedding, &c., should be either efficiently disinfected or at once destroyed.

On the occurrence of a case of cholera, a house-to-house visitation in the immediate neighbourhood should be made for the purpose of discovering and promptly dealing with any further cases of similar illness. Instructions should be issued throughout the district that all water not derived from a source of undoubted purity should be well boiled before being used for drinking or cooking purposes. In every instance disinfectants, accompanied with precise instructions for their use, should be supplied by the Authority, under the personal supervision of the Medical Officer of Health.

In reading the above recommendations, I commented upon them severally, and quoted particular sanitary defects met with in the course of my inspection as illustrating the need for improvement, and the direction such improvement should take. In particular I referred to the unsatisfactory condition of the dwellings at Ryhope and Ford, to defective yard paving and eave spouting, to the dilapidated and insanitary condition of many middens, the imperfect character of the byelaws and the

want of better arrangements as to the slaughtering of animals. I also called attention to the defective scavenging of middens in certain parts of the District, notably at Ford; and to the imperfect ventilation of sewers at Ford and in some of the colliery districts. Lastly, I referred to the inefficient dealing with nuisances, and expressed the opinion that an additional Inspector of Nuisances was required. The recommendations were apparently well received and consideration of them promised. Before leaving, I handed to the Clerk a signed copy of the recommendations, with the request that the Board might be informed in a few weeks as to the action taken or in contemplation, with a view to carrying them out.

T. W. Thompson.

July 21st, 1894.

Index to County Boroughs, Municipal Boroughs, and Urban Districts.

[C. B. signifies County Borough. M. B., Municipal Borough. Imp. Act Dist., Improvement Act District. U. D., Urban District.]

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